

AD-A183 385

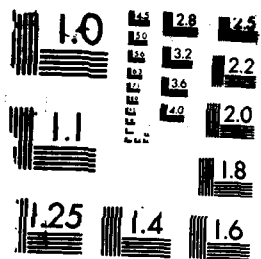
FT POLK LOUISIANA LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY LISOGS (U) AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER SCOTT AFB 14 JUL 87
USAFETAC/DS-87/845

1/4

UNCLASSIFIED

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART

ADP483305

USLA722390

USAFETAC/DS-87/045

19 JAN 1983

OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

DTIC
ELECTE
JAN 26 1983



"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISDCS"

FT POLK LA MSC #722390
N 31 03 W 093 11 ELEV 330 FT KPDE

PARTS A - F HOURS SUMMARIZED: 0000 - 2300
(HOURS VARIABLE)

PERIOD OF RECORD:
HOURLY OBSERVATIONS: MAY 77 - APR 87
SUMMARY OF DAY DATA: SEP 62 - APR 87

FEDERAL BUILDING

"Approved for public release;
Distribution Unlimited"

ASHEVILLE, N.C. 28801 - 2723

88 1 26 024

| | |
|--------------------|-------------------------------------|
| Accession For | |
| NTIS CRA&I | <input checked="" type="checkbox"/> |
| DTIC TAB | <input type="checkbox"/> |
| Unannounced | <input type="checkbox"/> |
| Justification | |
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LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY

STATION NAME: FT POLK LA

STATION NUMBER: 722590

PERIOD OF RECORD:

HOURLY OBSERVATIONS: MAY 77 - APR 87

SUMMARY OF DAY DATA: SEP 62 - APR 87

TIME CONVERSION LST TO GMT: +6

DATE PRODUCED: 14 JUL 87

CALL ID: KPOE

HOURS SUMMARIZED:
 SEP 62-APR 76/10 HRS PER DAY
 MAY 76-MAR 81/16 HRS PER DAY
 APR 81-APR 87/0000-2300 LST
 FCLOSED WKND5/HLDYS SEP 62-MAR 81

OL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28801

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES--LISOCs

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUPPLEMENTAL DATA: DATA DERIVED FROM EARLIER PERIODS IF AVAILABLE, AND/OR FROM ONE OR MORE REPRESENTATIVE SITES AND COMBINED BY A METEOROLOGIST.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

HOURLY SUMMARIES CONTAINING "TOTALS" AND "ALL HOURS" ARE ONLY FOR THOSE HOURS SUMMARIZED. IN COMPUTING THESE VALUES THE VALUES IN THE 3-HOUR TIME GROUPS WERE ADDED AND DIVIDED BY THE NUMBER OF GROUPS.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

TABLE OF CONTENTS

STATION HISTORY

PART A: WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

PART B: SEE SUPPLEMENTAL DATA SECTION BELOW

PART C: SURFACE WIND SUMMARIES

PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

NOTE: THE FIRST AND LAST HOUR GROUPS MAY OR MAY NOT CONTAIN ALL THREE HOURS. SEE HOURS SUMMARIZED ON COVER OR STATION HISTORY SHEET TO DETERMINE WHICH HOURS ARE INCLUDED IN THESE TWO HOUR GROUPS.

| STATION NO OR SURVEY NO 722390 | | STATION NAME Fort Polk Louisiana ANP | | LATITUDE N 31 03 | | LONGITUDE W 093 11 | | FIELD ELEV (FT) 330 Ft | | CALL SIGN FOE | | GRID NUMBER | |
|---|------------------------------|---|------------------|---------------------|----------|-----------------------|---------------------|---------------------------|-------------|------------------|--|-------------|--|
| STATION LOCATION AND INSTRUMENTATION HISTORY | | | | | | | | | | | | | |
| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | IN THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | DGS PER DAY | | | | |
| | | | FROM | TO | | | FIELD (FT) | DT. BARS. | | | | | |
| 1 | Ft. Polk ANP Louisiana | ANP | Nov 57 | Apr 59 | N 31 02 | W 093 11 | 329 Ft | | 10-19 | | | | |
| 2 | Same | ANP | Sep 62 | Dec 76 | N 31 03 | Same | 330 Ft | | 10 | | | | |
| 3 | Same | ANP | Jan 77 | Mar 81 | Same | Same | Same | | 10-19 | | | | |
| 4 | Same | ANP | Apr 81 | Jan 84 | Same | Same | Same | | 24 | | | | |
| 5 | Same | ANP | Feb 84 | May 86 | Same | Same | Same | | 24 | | | | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE AND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|----------------|--|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Nov 57 | Located W of station beside runway 33 | TQM-1 | None | 15 Ft | |
| 2 | Jul 58 | Minds taken from control tower | N/A | N/A | N/A | |
| 3 | May 64 | Located on roof of control tower Cab | AN/GMQ-11 | RO-2 | 40 Ft | |
| 4 | Apr 69 | Located on top of control tower | AN/GMQ-11 | RO-2 | 35 Ft | |
| 5 | Dec 76 | Located on top of control tower | AN/GMQ-11 | RO-2 | 35 Ft | |
| 6 | Sep 79 | Located 350'W and 400'S of N end runway. | AN/GMQ-24 | RO-362 | 12 Ft | |
| 7 | Jan 84 | Same | Same | Same | Same | |

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (100 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE.
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR MONTHLY SUMMARIZATION. THIS PRACTICE AFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN

| HOURS (LST) | TSMS | RAIN 6/0R DRIZZLE | FRZING RAIN 6/0R DRIZZLE | SNOW 6/0R SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE 6/0R HAZE | BLOWING SNOW | DUST 6/0R SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | | 11.9 | .4 | .4 | | 12.7 | 25.3 | 3.0 | .2 | | 27.8 | 561 |
| 03-05 | | 10.2 | 1.1 | .4 | | 11.3 | 30.1 | 2.5 | | | 31.0 | 558 |
| 06-08 | .5 | 14.1 | .5 | .7 | | 15.2 | 41.8 | 3.9 | | | 44.4 | 850 |
| 09-11 | 1.0 | 15.2 | .5 | 1.2 | .1 | 16.7 | 30.8 | 10.5 | | .1 | 38.9 | 861 |
| 12-14 | .7 | 13.3 | .2 | .9 | | 14.2 | 17.4 | 8.9 | | .1 | 25.1 | 843 |
| 15-17 | .4 | 12.1 | | .7 | | 12.8 | 14.8 | 8.5 | | .5 | 23.3 | 843 |
| 18-20 | .6 | 11.5 | | .6 | .1 | 12.1 | 19.5 | 7.0 | | | 26.0 | 840 |
| 21-23 | .4 | 10.3 | | .3 | | 10.6 | 20.1 | 3.5 | | | 22.7 | 715 |
| TOTALS | .5 | 12.3 | .3 | .7 | .0 | 13.2 | 25.0 | 6.0 | .0 | .1 | 29.9 | 6071 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB

| HOURS (LST) | TSMS | RAIN 6/0R DRIZZLE | FRZING RAIN 6/0R DRIZZLE | SNOW 6/0R SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE 6/0R HAZE | BLOWING SNOW | DUST 6/0R SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | .6 | 12.6 | .2 | .4 | | 13.0 | 32.0 | 3.0 | | | 34.3 | 507 |
| 03-05 | 1.8 | 13.0 | | | | 13.0 | 39.4 | 2.8 | | | 40.8 | 507 |
| 06-08 | 1.8 | 13.2 | | .4 | | 13.5 | 45.1 | 5.7 | | | 49.0 | 773 |
| 09-11 | .9 | 14.0 | .3 | 1.1 | | 14.8 | 29.2 | 12.8 | | | 41.1 | 788 |
| 12-14 | 1.6 | 12.3 | .1 | 1.2 | | 13.1 | 13.7 | 9.4 | | | 22.7 | 766 |
| 15-17 | 2.2 | 13.2 | | .3 | .1 | 13.3 | 12.7 | 9.8 | | | 21.8 | 765 |
| 18-20 | 2.5 | 12.3 | .1 | .1 | | 12.4 | 17.1 | 7.6 | | | 23.5 | 765 |
| 21-23 | 2.3 | 12.8 | .3 | | | 13.1 | 23.4 | 6.0 | | | 28.5 | 649 |
| TOTALS | 1.7 | 12.9 | .1 | .4 | .0 | 13.3 | 26.6 | 7.1 | | | 32.7 | 5520 |

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR

| HOURS (LST) | TS TMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBS TO VISION | TOTAL OBS |
|----------------|--------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|--------------------------------|--------------|
| 00-02 | 1.8 | 8.6 | | | | 8.6 | 23.7 | 8.6 | | | 28.3 | 558 |
| 03-05 | 1.6 | 10.2 | | | | 10.2 | 33.0 | 5.0 | | | 34.6 | 558 |
| 06-08 | 1.5 | 12.3 | | | | 12.3 | 41.8 | 7.8 | | | 45.5 | 861 |
| 09-11 | 1.1 | 10.4 | | | | 10.4 | 18.9 | 11.3 | | | 27.8 | 878 |
| 12-14 | 1.3 | 9.0 | | | | 9.0 | 6.6 | 7.7 | | | 14.2 | 852 |
| 15-17 | .6 | 7.2 | | | | 7.2 | 4.1 | 8.6 | | | 12.6 | 852 |
| 18-20 | .8 | 7.2 | | | | 7.2 | 7.4 | 7.3 | | | 14.4 | 849 |
| 21-23 | .6 | 6.1 | | | | 6.1 | 11.3 | 7.0 | | | 16.6 | 717 |
| TOTALS | 1.2 | 8.9 | | | | 8.9 | 18.4 | 7.9 | | | 24.3 | 6125 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR

| HOURS (LST) | TS TMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBS TO VISION | TOTAL OBS |
|----------------|--------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|--------------------------------|--------------|
| 00-02 | 1.6 | 7.9 | | | | 7.9 | 26.8 | 4.1 | | | 28.6 | 630 |
| 03-05 | 1.1 | 7.7 | | | | 7.7 | 37.4 | 2.4 | | | 39.3 | 634 |
| 06-08 | 1.5 | 8.7 | | | | 8.7 | 38.7 | 7.6 | | | 43.4 | 827 |
| 09-11 | .7 | 6.3 | | | | 6.3 | 11.9 | 8.8 | | | 19.8 | 843 |
| 12-14 | 2.8 | 9.4 | | | | 9.4 | 4.9 | 7.3 | | | 12.0 | 819 |
| 15-17 | 2.3 | 9.6 | | | | 9.6 | 5.6 | 7.6 | | .1 | 12.9 | 819 |
| 18-20 | 1.7 | 8.1 | | | | 8.1 | 8.7 | 6.6 | | .2 | 14.5 | 816 |
| 21-23 | 2.0 | 7.4 | | | | 7.4 | 15.2 | 5.2 | | | 17.8 | 686 |
| TOTALS | 1.7 | 8.2 | | | | 8.2 | 18.7 | 6.2 | | .0 | 23.5 | 6074 |

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY

| HOURS (LST) | TSTMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | 2.3 | 4.8 | | | | 4.8 | 30.3 | 4.7 | | | 33.0 | 558 |
| 03-05 | 4.1 | 7.6 | | | | 7.6 | 51.0 | 4.3 | | | 52.9 | 628 |
| 06-08 | 1.3 | 5.3 | | | | 5.3 | 46.9 | 14.8 | | | 54.9 | 825 |
| 09-11 | 2.1 | 5.9 | | | | 5.9 | 5.6 | 16.9 | | .1 | 22.1 | 827 |
| 12-14 | 4.2 | 6.7 | | | | 6.7 | 2.5 | 13.3 | | 1.0 | 16.3 | 809 |
| 15-17 | 5.4 | 7.1 | | | | 7.1 | 3.7 | 12.3 | | .1 | 15.9 | 813 |
| 18-20 | 3.3 | 6.7 | | | | 6.7 | 6.3 | 14.0 | | | 19.9 | 806 |
| 21-23 | 2.3 | 6.4 | | | .2 | 6.4 | 13.5 | 5.5 | | | 16.7 | 562 |
| TOTALS | 3.1 | 6.3 | | | .0 | 6.3 | 20.0 | 10.7 | | .2 | 29.0 | 5828 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN

| HOURS (LST) | TSTMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | 1.1 | 3.0 | | | | 3.0 | 30.2 | 5.0 | | | 33.0 | 540 |
| 03-05 | 1.7 | 4.1 | | | | 4.1 | 60.8 | 7.8 | | | 63.2 | 604 |
| 06-08 | 1.6 | 4.4 | | | | 4.4 | 43.8 | 21.8 | | | 57.3 | 815 |
| 09-11 | 2.7 | 5.3 | | | | 5.3 | 4.9 | 15.8 | | | 19.9 | 814 |
| 12-14 | 5.8 | 7.7 | | | | 7.7 | 1.9 | 8.8 | | .1 | 10.4 | 795 |
| 15-17 | 7.2 | 8.2 | | | | 8.2 | 2.0 | 9.6 | | | 11.4 | 795 |
| 18-20 | 6.5 | 6.2 | | | | 6.2 | 3.3 | 8.4 | | | 10.8 | 789 |
| 21-23 | 3.0 | 4.4 | | | | 4.4 | 12.8 | 5.7 | | | 18.1 | 540 |
| TOTALS | 3.7 | 5.4 | | | | 5.4 | 20.0 | 10.4 | | .0 | 28.0 | 5692 |

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL

| HOURS (LST) | TS TMS | RAIN 6/0R DRIZZLE | FRZING RAIN 6/0R DRIZZLE | SNOW 6/0R SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE 6/0R HAZE | BLOWING SNOW | DUST 6/0R SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|--------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | .7 | .4 | | | | .4 | 24.3 | 14.4 | | | 32.0 | 568 |
| 03-05 | .3 | .9 | | | | .9 | 48.3 | 16.3 | | | 56.0 | 632 |
| 06-08 | .6 | 2.3 | | | | 2.3 | 37.8 | 24.0 | | | 52.6 | 825 |
| 09-11 | 1.0 | 2.7 | | | | 2.7 | 1.3 | 13.0 | | | 14.3 | 826 |
| 12-14 | 6.6 | 5.9 | | | .1 | 5.9 | .9 | 11.7 | | | 12.6 | 809 |
| 15-17 | 13.4 | 8.5 | | | | 8.5 | 1.2 | 15.0 | | .1 | 16.4 | 812 |
| 18-20 | 8.6 | 7.7 | | | | 7.7 | 4.3 | 12.4 | | | 16.4 | 807 |
| 21-23 | 2.0 | 2.3 | | | | 2.3 | 12.7 | 10.8 | | | 21.4 | 604 |
| TOTALS | 4.2 | 3.8 | | | .0 | 3.8 | 16.4 | 14.7 | | .0 | 27.7 | 5683 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG

| HOURS (LST) | TS TMS | RAIN 6/0R DRIZZLE | FRZING RAIN 6/0R DRIZZLE | SNOW 6/0R SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE 6/0R HAZE | BLOWING SNOW | DUST 6/0R SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|--------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | .5 | .8 | | | | .8 | 23.3 | 15.7 | | | 34.3 | 597 |
| 03-05 | .2 | 1.2 | | | | 1.2 | 41.0 | 16.0 | | | 48.9 | 661 |
| 06-08 | .7 | 2.1 | | | | 2.1 | 44.1 | 24.8 | | | 58.3 | 864 |
| 09-11 | .3 | 2.2 | | | | 2.2 | 4.5 | 20.7 | | | 23.7 | 861 |
| 12-14 | 4.8 | 5.8 | | | | 5.8 | 1.5 | 15.3 | | .2 | 16.9 | 856 |
| 15-17 | 11.8 | 9.7 | | | | 9.7 | 2.0 | 14.6 | | .1 | 17.3 | 855 |
| 18-20 | 6.5 | 5.5 | | | | 5.5 | 4.9 | 16.6 | | | 20.6 | 851 |
| 21-23 | .6 | 2.1 | | | | 2.1 | 9.5 | 17.2 | | | 24.7 | 632 |
| TOTALS | 3.2 | 3.7 | | | | 3.7 | 16.5 | 17.6 | | .0 | 30.6 | 6177 |

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP

| HOURS (LST) | TS TMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|--------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | 2.2 | 2.2 | | | | 2.2 | 21.5 | 11.1 | | | 28.0 | 540 |
| 03-05 | 1.6 | 4.9 | | | | 4.9 | 44.5 | 11.9 | | | 49.4 | 611 |
| 06-08 | 1.2 | 5.5 | | | | 5.5 | 54.4 | 20.3 | | | 63.3 | 814 |
| 09-11 | 1.8 | 5.6 | | | | 5.6 | 9.5 | 19.7 | | | 27.8 | 819 |
| 12-14 | 4.2 | 6.6 | | | | 6.6 | 3.5 | 17.7 | | | 20.8 | 806 |
| 15-17 | 5.7 | 9.0 | | | | 9.0 | 5.1 | 18.6 | | | 23.3 | 803 |
| 18-20 | 4.5 | 6.5 | | | .1 | 6.5 | 7.0 | 16.7 | | | 23.0 | 797 |
| 21-23 | 1.5 | 4.5 | | | | 4.5 | 10.3 | 9.2 | | | 17.3 | 600 |
| TOTALS | 2.8 | 5.6 | | | .0 | 5.6 | 19.5 | 15.7 | | | 31.6 | 5790 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT

| HOURS (LST) | TS TMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|--------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | 1.8 | 7.2 | | | | 7.2 | 36.0 | 6.1 | | | 38.4 | 558 |
| 03-05 | 1.9 | 9.2 | | | | 9.2 | 48.6 | 6.8 | | | 50.5 | 622 |
| 06-08 | 1.4 | 8.0 | | | | 8.0 | 53.5 | 10.6 | | | 58.0 | 808 |
| 09-11 | .6 | 7.0 | | | | 7.0 | 18.0 | 17.6 | | | 33.3 | 809 |
| 12-14 | 1.5 | 7.2 | | | | 7.2 | 6.0 | 10.4 | | | 15.7 | 801 |
| 15-17 | 3.4 | 7.8 | | | | 7.8 | 6.5 | 9.9 | | | 15.8 | 799 |
| 18-20 | 1.8 | 8.4 | | | | 8.4 | 10.5 | 9.3 | | | 18.9 | 797 |
| 21-23 | 1.1 | 8.9 | | | | 8.9 | 19.6 | 7.1 | | | 23.3 | 632 |
| TOTALS | 1.7 | 8.0 | | | | 8.0 | 24.8 | 9.7 | | | 31.7 | 5826 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV

| HOURS (LST) | TS/TMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|--------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | 1.9 | 10.4 | | | | 10.4 | 31.9 | 2.8 | | | 32.6 | 540 |
| 03-05 | 1.7 | 9.4 | .2 | | | 9.6 | 35.4 | 4.4 | | | 36.3 | 543 |
| 06-08 | .9 | 10.4 | .1 | | | 10.5 | 46.2 | 7.6 | | | 49.7 | 788 |
| 09-11 | .5 | 11.3 | | | | 11.3 | 24.2 | 11.4 | | | 33.9 | 815 |
| 12-14 | 1.5 | 10.3 | | | | 10.3 | 14.6 | 11.7 | | | 25.0 | 804 |
| 15-17 | 2.5 | 10.8 | | | | 10.8 | 13.3 | 9.5 | | | 22.1 | 804 |
| 18-20 | 1.9 | 9.9 | | | | 9.9 | 16.6 | 7.3 | | | 23.2 | 799 |
| 21-23 | 1.2 | 9.5 | | | | 9.5 | 23.7 | 5.4 | | | 27.6 | 684 |
| TOTALS | 1.5 | 10.3 | .0 | | | 10.3 | 25.7 | 7.5 | | | 31.3 | 5777 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC

| HOURS (LST) | TS/TMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|--------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| 00-02 | 1.8 | 9.9 | .2 | .2 | | 10.2 | 24.4 | 2.5 | | | 25.6 | 558 |
| 03-05 | .9 | 10.8 | | .2 | | 10.9 | 29.7 | .7 | | | 29.9 | 558 |
| 06-08 | .8 | 12.4 | .2 | | | 12.7 | 39.2 | 3.7 | | | 42.2 | 829 |
| 09-11 | 1.7 | 13.9 | .2 | .2 | | 14.2 | 26.3 | 6.9 | | | 32.0 | 837 |
| 12-14 | 1.1 | 12.4 | .1 | .5 | | 12.8 | 16.3 | 7.5 | | | 22.3 | 828 |
| 15-17 | 1.1 | 12.1 | | .4 | | 12.5 | 13.8 | 5.9 | | | 19.4 | 803 |
| 18-20 | 1.1 | 9.9 | | .4 | | 10.3 | 14.8 | 4.9 | | | 19.4 | 789 |
| 21-23 | 1.0 | 7.6 | .4 | .4 | | 8.5 | 15.4 | 3.3 | | | 17.9 | 697 |
| TOTALS | 1.2 | 11.1 | .1 | .3 | | 11.5 | 22.5 | 4.4 | | | 26.1 | 5899 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87
MONTH: ALL

| HOURS (LST) | | TSTMS | RAIN E/OR DRIZZLE | FRZING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/OBST TO VISION | TOTAL OBS |
|----------------|-----|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| JAN | ALL | .5 | 12.3 | .3 | .7 | .0 | 13.2 | 25.0 | 6.0 | .0 | .1 | 29.9 | 6071 |
| FEB | | 1.7 | 12.9 | .1 | .4 | .0 | 13.3 | 26.6 | 7.1 | | | 32.7 | 5520 |
| MAR | | 1.2 | 8.9 | | | | 8.9 | 18.4 | 7.9 | | | 24.3 | 6125 |
| APR | | 1.7 | 8.2 | | | | 8.2 | 18.7 | 6.2 | | .0 | 23.5 | 6074 |
| MAY | | 3.1 | 6.3 | | | .0 | 6.3 | 20.0 | 10.7 | | .2 | 29.0 | 5828 |
| JUN | | 3.7 | 5.4 | | | | 5.4 | 20.0 | 10.4 | | .0 | 28.0 | 5692 |
| JUL | | 4.2 | 3.8 | | | .0 | 3.8 | 16.4 | 14.7 | | .0 | 27.7 | 5883 |
| AUG | | 3.2 | 3.7 | | | | 3.7 | 16.5 | 17.6 | | .0 | 30.6 | 6177 |
| SEP | | 2.8 | 5.6 | | | .0 | 5.6 | 19.5 | 15.7 | | | 31.6 | 5790 |
| OCT | | 1.7 | 8.0 | | | | 8.0 | 24.8 | 9.7 | | | 31.7 | 5826 |
| NOV | | 1.5 | 10.3 | .0 | | | 10.3 | 25.7 | 7.5 | | | 31.3 | 5777 |
| DEC | | 1.2 | 11.1 | .1 | .3 | | 11.5 | 22.5 | 4.4 | | | 26.1 | 5899 |
| TOTALS | | 2.2 | 8.0 | .0 | .1 | .0 | 8.2 | 21.2 | 9.8 | .0 | .0 | 28.9 | 70662 |

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SEE SUPPLEMENTAL SECTION (SUMMARY OF DAY DATA) FOR THESE SUMMARIES.

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BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED)..

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIES EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78,82-87
MONTH: JAN HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 5.0 | 4.6 | 3.4 | .9 | | | | | | | 13.9 | 5.1 |
| NNE | 1.6 | 4.5 | .7 | .4 | .4 | | | | | | 7.5 | 5.6 |
| NE | 1.4 | 3.7 | 1.1 | | | | | | | | 6.2 | 4.7 |
| ENE | 1.4 | .9 | .2 | | | | | | | | 2.5 | 3.4 |
| E | 2.1 | 1.6 | | | | | | | | | 3.7 | 3.0 |
| ESE | 2.1 | .2 | .4 | .2 | | | | | | | 2.9 | 3.5 |
| SE | 2.3 | .9 | .5 | | | | | | | | 3.7 | 3.6 |
| SSE | 2.1 | 1.4 | .4 | .2 | | | | | | | 4.1 | 4.0 |
| S | 3.7 | 1.4 | .5 | | | | | | | | 5.7 | 3.3 |
| SSW | 2.7 | .9 | | | | | | | | | 3.6 | 2.5 |
| SW | .9 | | | | | | | | | | .9 | 1.8 |
| WSW | .9 | | | | | | | | | | .9 | 1.6 |
| W | 2.7 | .4 | .4 | | | | | | | | 3.4 | 2.9 |
| WNW | 1.2 | .4 | .7 | .2 | | | | | | | 2.5 | 5.0 |
| NW | .2 | .7 | .9 | .4 | | | | | | | 2.1 | 7.3 |
| NNW | 1.4 | 1.4 | .9 | .4 | .2 | | | | | | 4.3 | 6.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 32.1 | //// |
| TOTALS | 31.9 | 23.0 | 10.0 | 2.5 | .5 | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS: 561

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: JAN HOURS(1ST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 5.9 | 6.1 | 3.9 | | | | | | | | | 15.9 | 4.8 |
| NNE | 3.9 | 3.2 | 1.6 | .9 | | | | | | | | 9.7 | 5.0 |
| NE | 1.6 | 3.4 | .9 | .2 | | | | | | | | 6.1 | 4.9 |
| ENE | 1.8 | 2.2 | .2 | | | | | | | | | 4.1 | 3.9 |
| E | 3.0 | .9 | | | | | | | | | | 3.9 | 2.6 |
| ESE | 2.5 | .4 | .5 | | | | | | | | | 3.4 | 2.9 |
| SE | 2.0 | 1.1 | .2 | .2 | | | | | | | | 3.4 | 3.3 |
| SSE | 2.2 | 1.1 | .9 | .2 | | | | | | | | 4.3 | 4.3 |
| S | 2.3 | 1.4 | | | | | | | | | | 3.8 | 2.8 |
| SSW | 1.8 | .4 | .2 | | | | | | | | | 2.3 | 3.1 |
| SW | .5 | | | | | | | | | | | .5 | 1.7 |
| WSW | .7 | .2 | .2 | | | | | | | | | 1.1 | 3.8 |
| W | 2.0 | .5 | | | | | | | | | | 2.5 | 2.4 |
| WNW | .7 | .4 | .2 | | | | | | | | | 1.3 | 3.9 |
| NW | .5 | .4 | .7 | | | | | | | | | 1.6 | 5.8 |
| NNW | 2.2 | 1.6 | 1.3 | .2 | | | | | | | | 5.2 | 4.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 30.8 | //// |
| TOTALS | 33.7 | 23.1 | 10.8 | 1.6 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 5.1 | 5.7 | 3.4 | .4 | | | | | | | 14.0 | 5.0 |
| NNE | 3.3 | 4.0 | 1.2 | .4 | | | | | | | 9.3 | 5.0 |
| NE | 3.1 | 3.5 | .7 | | | | | | | | 7.3 | 4.2 |
| ENE | 2.0 | 2.4 | .9 | | | | | | | | 5.3 | 4.6 |
| E | 3.2 | 1.4 | .7 | | | | | | | | 5.3 | 3.9 |
| ESE | 1.1 | .4 | 1.2 | | | | | | | | 3.1 | 4.9 |
| SE | 2.9 | 1.4 | 1.4 | .4 | | | | | | | 6.1 | 4.8 |
| SSE | 1.4 | 1.3 | 1.4 | .4 | | | | | | | 4.5 | 5.7 |
| S | 2.4 | .9 | .2 | .1 | | | | | | | 3.6 | 3.6 |
| SSW | .9 | .4 | | | | | | | | | 1.3 | 2.8 |
| SW | 1.3 | | .2 | | | | | | | | 1.5 | 2.4 |
| WSW | 1.1 | .2 | .1 | | | | | | | | 1.4 | 3.2 |
| W | .4 | .5 | | | | | | | | | 1.3 | 2.7 |
| WNW | .8 | .4 | .5 | | | | | | | | 1.6 | 4.6 |
| NW | .1 | .6 | .9 | .2 | | | | | | | 2.5 | 8.4 |
| NNW | 1.9 | .9 | 1.1 | .6 | | | | | | | 4.4 | 5.7 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 27.5 | //// |
| TOTALS | 31.2 | 23.9 | 14.0 | 3.4 | | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS: 450

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.9 | 4.5 | 3.9 | 1.6 | | | | | | | 13.0 | 6.4 |
| NNE | 2.0 | 2.9 | 2.9 | .6 | | | | | | | 8.4 | 6.0 |
| NE | 1.9 | 4.3 | 2.1 | .2 | | | | | | | 8.5 | 5.4 |
| ENE | 1.6 | 3.1 | 1.7 | | | | | | | | 6.5 | 5.0 |
| E | 2.2 | 3.0 | 1.7 | .1 | | | | | | | 7.1 | 4.9 |
| ESE | .7 | 2.0 | 1.2 | | | | | | | | 3.4 | 5.5 |
| SE | 2.0 | 3.4 | 1.2 | .2 | | | | | | | 6.7 | 4.9 |
| SSE | 2.4 | 2.4 | 1.9 | .3 | | | | | | | 7.1 | 5.2 |
| S | 2.0 | 2.1 | 1.2 | .2 | | | | | | | 5.6 | 5.1 |
| SSW | 1.4 | 1.7 | .3 | | | | | | | | 3.5 | 4.1 |
| SW | 1.3 | 1.0 | .5 | | | | | | | | 2.8 | 4.0 |
| WSW | .9 | .7 | .6 | .1 | | | | | | | 2.0 | 5.3 |
| W | .9 | 1.6 | .5 | .1 | | | | | | | 3.1 | 4.7 |
| WNW | .5 | 1.6 | .2 | .2 | | | | | | | 2.6 | 5.5 |
| NW | 1.2 | .9 | 2.0 | 1.0 | | | | | | | 5.1 | 7.4 |
| NNW | .9 | 1.6 | 1.4 | 1.4 | | | | | | | 5.3 | 7.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 8.9 | //// |
| TOTALS | 24.7 | 36.7 | 23.2 | 6.4 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS: 961

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.0 | 5.0 | 4.6 | 1.1 | .1 | | | | | | 13.8 | 6.3 |
| NNE | 1.7 | 4.0 | 2.1 | .1 | | | | | | | 7.9 | 5.3 |
| NE | .8 | 3.1 | 1.3 | .4 | | | | | | | 5.6 | 5.7 |
| ENE | 1.7 | 2.0 | .8 | .1 | | | | | | | 4.6 | 4.6 |
| E | 1.3 | 2.0 | .5 | | | | | | | | 3.8 | 4.6 |
| ESE | 1.1 | 1.4 | .8 | | | | | | | | 3.3 | 4.9 |
| SE | 1.2 | 2.1 | 1.2 | | | | | | | | 4.5 | 5.3 |
| SSE | 1.4 | 3.0 | 1.7 | .9 | | | | | | | 6.9 | 6.3 |
| S | 1.8 | 2.5 | 1.9 | 1.1 | | | | | | | 7.2 | 6.2 |
| SSW | 1.9 | 1.8 | 1.8 | .5 | | | | | | | 5.9 | 5.7 |
| SW | 1.4 | 1.3 | 1.1 | .2 | | | | | | | 4.0 | 5.6 |
| WSW | 1.7 | 1.7 | .4 | | | | | | | | 3.7 | 3.9 |
| W | .9 | 1.4 | .7 | .4 | .2 | .1 | | | | | 3.8 | 7.1 |
| WNW | 1.5 | 1.4 | 1.7 | .6 | | | | | | | 5.6 | 6.0 |
| NW | 1.3 | 2.5 | 1.3 | .9 | .1 | | | | | | 6.2 | 6.5 |
| NNW | .8 | 3.7 | 3.2 | .9 | | | | | | | 8.7 | 6.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 4.5 | //// |
| TOTALS | 23.5 | 39.3 | 25.0 | 7.1 | .5 | .1 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS: 943

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN. HOURS (LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | | |
| N | 4.0 | 5.3 | 5.8 | .4 | .1 | | | 15.7 | 5.9 |
| NNE | 2.3 | 4.4 | 2.7 | .5 | | | | 9.8 | 5.7 |
| NE | 1.2 | 1.9 | 1.4 | | | | | 4.5 | 5.1 |
| ENE | 1.1 | 1.5 | 1.3 | | | | | 3.9 | 5.0 |
| E | 1.7 | .9 | .6 | | | | | 3.2 | 4.2 |
| ESE | .8 | .8 | .6 | .1 | | | | 2.4 | 5.2 |
| SE | 1.8 | 2.7 | .9 | .2 | | | | 5.7 | 4.9 |
| SSE | 1.5 | 2.4 | .8 | .1 | | | | 4.9 | 4.8 |
| S | 3.6 | 3.7 | 2.1 | .9 | | | | 10.3 | 5.4 |
| SSW | 1.9 | 2.0 | 1.3 | .1 | | | | 5.3 | 4.6 |
| SW | 1.1 | 1.3 | 1.1 | | | | | 3.4 | 5.0 |
| WSW | .7 | .7 | .1 | | | | | 1.5 | 3.6 |
| W | 1.3 | .9 | .2 | | | .1 | | 2.6 | 4.5 |
| WNW | 1.1 | 2.5 | 1.7 | .2 | .5 | .1 | | 6.0 | 7.2 |
| NW | 1.3 | 2.3 | 1.3 | .4 | .1 | | | 5.3 | 5.8 |
| NNW | 2.1 | 2.4 | 3.1 | .4 | .1 | | | 8.5 | 6.1 |
| VARIABLE | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | 6.8 | //// |
| TOTALS | 27.4 | 36.3 | 25.1 | 3.3 | .8 | .2 | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 5.8 | 4.4 | 2.3 | | | | | | | | 12.5 | 4.2 |
| NNE | 2.6 | 3.9 | 2.4 | .2 | | | | | | | 9.2 | 5.0 |
| NE | 2.4 | 1.3 | 1.0 | .1 | | | | | | | 4.8 | 4.4 |
| ENE | 1.2 | 1.3 | .7 | | | | | | | | 3.2 | 4.4 |
| E | 2.0 | 1.2 | .5 | | | | | | | | 3.7 | 3.9 |
| ESE | 1.8 | 1.2 | .6 | .1 | | | | | | | 3.7 | 4.4 |
| SE | 1.5 | 1.0 | .6 | | | | | | | | 3.1 | 4.2 |
| SSE | 1.5 | 2.0 | .7 | .2 | | | | | | | 4.5 | 4.9 |
| S | 3.3 | 3.4 | 1.5 | .2 | | | | | | | 8.9 | 4.5 |
| SSW | 1.5 | 1.5 | .1 | | | | | | | | 3.2 | 3.8 |
| SW | .1 | .1 | | | | | | | | | .2 | 3.0 |
| WSW | .1 | | | | | | | | | | .1 | 1.0 |
| W | .4 | .4 | .2 | | | | | | | | 1.0 | 4.8 |
| WNW | 1.2 | .2 | .4 | .4 | .4 | | | | | | 2.5 | 7.4 |
| NW | 1.7 | 1.5 | .2 | .4 | | | | | | | 3.8 | 4.8 |
| NNW | 3.3 | 1.0 | .6 | .4 | | | | | | | 5.2 | 3.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 30.4 | //// |
| TOTALS | 30.6 | 24.9 | 11.8 | 2.0 | .4 | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 6.3 | 3.8 | 2.9 | .4 | | | | | | | 13.4 | 4.5 |
| NNE | 2.0 | 3.6 | 1.1 | .7 | | | | | | | 7.4 | 5.3 |
| NE | 1.5 | 2.1 | .6 | | | | | | | | 4.2 | 4.1 |
| ENE | 1.4 | 1.7 | .3 | | | | | | | | 3.4 | 4.1 |
| E | 2.1 | 1.3 | .6 | | | | | | | | 3.9 | 4.0 |
| ESE | 1.3 | 1.8 | .7 | | | | | | | | 3.8 | 4.2 |
| SE | 1.5 | .7 | 1.1 | | | | | | | | 3.4 | 4.7 |
| SSE | 2.1 | 1.7 | 1.3 | | | | | | | | 5.0 | 4.5 |
| S | 3.6 | 2.4 | 1.1 | | | | | | | | 7.1 | 3.8 |
| SSW | 2.4 | 1.3 | .1 | | | | | | | | 4.2 | 3.2 |
| SW | 1.1 | .1 | .1 | .1 | | | | | | | 1.5 | 4.0 |
| WSW | .1 | | | | | | | | | | .1 | 2.0 |
| W | 1.0 | 1.0 | | .1 | | | | | | | 2.1 | 4.3 |
| WNW | .7 | .1 | .3 | .3 | .1 | | | | | | 1.5 | 7.2 |
| NW | .4 | .7 | .1 | .3 | | | | | | | 1.5 | 6.2 |
| NNW | 1.3 | .4 | .6 | .4 | | .1 | | | | | 3.2 | 6.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 34.1 | //// |
| TOTALS | 29.2 | 23.1 | 10.9 | 2.4 | .1 | .1 | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS: 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 4.6 | 4.8 | 3.8 | .6 | .0 | | | | | | | 14.0 | 5.3 |
| NNE | 2.4 | 3.8 | 1.9 | .5 | .0 | | | | | | | 8.7 | 5.4 |
| NE | 1.8 | 2.9 | 1.2 | .1 | | | | | | | | 5.9 | 4.9 |
| NNE | 1.5 | 1.9 | .8 | .0 | | | | | | | | 4.3 | 4.5 |
| E | 2.2 | 1.6 | .6 | .0 | | | | | | | | 4.4 | 4.0 |
| ESE | 1.3 | 1.1 | .8 | .3 | | | | | | | | 3.3 | 4.6 |
| SE | 1.9 | 1.7 | .9 | .1 | | | | | | | | 4.7 | 4.6 |
| SSE | 1.8 | 2.0 | 1.2 | .3 | | | | | | | | 5.3 | 5.1 |
| S | 2.8 | 2.4 | 1.2 | .4 | | | | | | | | 6.7 | 4.7 |
| SSW | 1.8 | 1.3 | .5 | .1 | | | | | | | | 3.7 | 4.1 |
| SW | 1.0 | .5 | .4 | .0 | | | | | | | | 2.0 | 4.4 |
| WSW | .8 | .4 | .2 | .0 | | | | | | | | 1.4 | 3.8 |
| W | 1.2 | .9 | .3 | .1 | .0 | .0 | | | | | | 2.4 | 4.6 |
| WNW | 1.0 | 1.0 | .7 | .2 | .1 | .0 | | | | | | 3.1 | 6.2 |
| NW | .9 | 1.3 | 1.0 | .6 | .0 | | | | | | | 3.7 | 6.5 |
| NNW | 1.7 | 1.8 | 1.6 | .6 | .0 | .0 | | | | | | 5.7 | 6.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 20.7 | //// |
| TOTALS | 28.7 | 29.5 | 17.0 | 3.4 | .3 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS: 6071

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: FEB HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.9 | 5.1 | 3.2 | .6 | | | | | | | | 13.0 | 5.2 |
| NNE | 3.0 | 4.5 | 1.2 | | | | | | | | | 8.7 | 4.4 |
| NE | 1.0 | 3.7 | .8 | .2 | | | | | | | | 5.7 | 5.1 |
| ENE | 1.0 | 1.8 | 1.0 | | | | | | | | | 3.7 | 4.7 |
| E | 1.0 | 1.2 | | | | | | | | | | 2.2 | 3.7 |
| ESE | 1.2 | .2 | .2 | | | | | | | | | 1.6 | 3.5 |
| SE | 1.4 | 2.6 | .4 | .4 | | | | | | | | 4.7 | 5.0 |
| SSE | 1.0 | 1.4 | 1.8 | 1.0 | | | | | | | | 5.1 | 7.0 |
| S | 2.6 | 2.6 | 1.6 | 1.6 | | | | | | | | 8.3 | 6.0 |
| SSW | .6 | .8 | .6 | | | | | | | | | 2.0 | 4.6 |
| SW | 1.4 | .2 | | | | | | | | | | 1.6 | 2.3 |
| WSW | 1.6 | .6 | .2 | | | | | | | | | 2.4 | 3.1 |
| W | 2.0 | 1.2 | .8 | | | | | | | | | 3.9 | 4.1 |
| WNW | .4 | .4 | .2 | | | | | | | | | 1.0 | 4.2 |
| NW | .4 | .8 | .6 | .4 | | | | | | | | 2.2 | 6.7 |
| NNW | .6 | 1.4 | 1.0 | .4 | | | | | | | | 3.4 | 6.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 30.6 | //// |
| TOTALS | 22.9 | 28.6 | 13.4 | 4.5 | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS: 507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: FEB HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 5.3 | 4.3 | 3.0 | .6 | | | | | | | | 13.2 | 4.8 |
| NNE | 3.2 | 3.2 | 1.8 | | | | | | | | | 8.1 | 4.8 |
| NE | 2.4 | 3.9 | 2.0 | .4 | | | | | | | | 9.7 | 5.1 |
| ENE | 2.6 | 1.8 | 1.2 | | | | | | | | | 5.5 | 4.5 |
| E | 3.2 | 1.0 | | | | | | | | | | 4.1 | 2.9 |
| ESE | 1.8 | .6 | | | | | | | | | | 2.4 | 2.3 |
| SE | 2.4 | 1.6 | 1.0 | | | | | | | | | 4.9 | 4.3 |
| SSE | .8 | 1.6 | .8 | .4 | | | | | | | | 3.6 | 5.9 |
| S | 1.2 | 2.2 | 2.8 | .2 | | | | | | | | 6.3 | 6.4 |
| SSW | .4 | 1.4 | | .2 | | | | | | | | 2.0 | 5.4 |
| SW | .8 | .2 | .2 | | | | | | | | | 1.2 | 3.7 |
| WSW | .6 | .2 | .4 | | | | | | | | | 1.2 | 4.2 |
| W | 1.4 | 1.4 | .4 | .6 | | | | | | | | 3.7 | 5.7 |
| WNW | 1.4 | .4 | .4 | | | | | | | | | 2.2 | 4.1 |
| NW | 1.6 | 1.0 | .8 | | .2 | | | | | | | 3.6 | 5.1 |
| NNW | 1.2 | 1.6 | .6 | .2 | | | | | | | | 3.6 | 5.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 25.8 | //// |
| TOTALS | 30.0 | 26.2 | 15.2 | 2.6 | .2 | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS: 507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.9 | 5.2 | 3.9 | .6 | | | | | | | 13.6 | 5.4 |
| NNE | 1.8 | 4.4 | 1.0 | .1 | | | | | | | 7.4 | 4.9 |
| NE | 2.2 | 2.8 | 1.9 | | | | | | | | 7.0 | 4.9 |
| ENE | 3.6 | 3.2 | 1.7 | | | | | | | | 8.4 | 4.3 |
| E | 4.0 | 1.9 | 1.0 | | | | | | | | 7.0 | 3.6 |
| ESE | 1.4 | .6 | .8 | | | | | | | | 2.8 | 4.5 |
| SE | 1.4 | 2.5 | .4 | | | | | | | | 4.3 | 4.1 |
| SSE | .9 | 2.3 | 1.0 | .3 | | | | | | | 4.5 | 5.4 |
| S | 1.3 | 2.6 | 2.2 | .1 | | | | | | | 6.2 | 5.6 |
| SSW | .8 | 1.2 | .3 | | | | | | | | 2.2 | 4.1 |
| SW | .5 | .8 | .4 | .4 | | | | | | | 2.1 | 6.4 |
| WSW | .8 | .5 | .3 | .1 | | | | | | | 1.7 | 4.9 |
| W | .9 | .8 | .6 | .4 | | | | | | | 2.7 | 6.0 |
| WNW | .6 | .4 | .5 | .8 | | | | | | | 2.3 | 8.1 |
| NW | .6 | 1.3 | .6 | .8 | | | | | | | 3.4 | 7.0 |
| NNW | 1.0 | 2.7 | 1.0 | .4 | | | | | | | 5.2 | 5.7 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 19.3 | //// |
| TOTALS | 25.9 | 33.1 | 17.7 | 4.0 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.7 | 5.7 | 4.6 | .8 | | | | | | | | 13.7 | 6.2 |
| NNE | 1.4 | 2.8 | 3.6 | .4 | | | | | | | | 8.1 | 6.3 |
| NE | 1.5 | 3.2 | 2.0 | .3 | | | | | | | | 7.0 | 5.6 |
| ENE | 2.4 | 3.4 | 1.6 | .1 | | | | | | | | 7.6 | 5.0 |
| E | 1.9 | 2.2 | 1.5 | .1 | | | | | | | | 5.6 | 5.0 |
| ESE | 1.9 | 2.7 | 1.0 | .1 | | | | | | | | 5.7 | 4.7 |
| SE | .9 | 2.7 | 1.8 | .1 | | | | | | | | 5.5 | 5.9 |
| SSE | 1.5 | 2.2 | 1.9 | .1 | | | | | | | | 5.7 | 5.4 |
| S | 1.8 | 3.2 | 2.3 | 1.0 | | | | | | | | 8.2 | 6.2 |
| SSW | 1.0 | 2.3 | 1.3 | .1 | .1 | | | | | | | 4.8 | 5.9 |
| SW | .8 | 1.5 | .8 | .5 | | | | | | | | 3.6 | 6.1 |
| WSW | .5 | .6 | .8 | .4 | | | | | | | | 2.3 | 6.4 |
| W | 1.1 | 1.6 | .3 | .4 | | | | | | | | 3.4 | 5.2 |
| WNW | .6 | .9 | .6 | .9 | .1 | | | | | | | 3.2 | 8.0 |
| NW | .3 | 1.1 | 1.4 | 1.4 | .3 | | | | | | | 4.4 | 9.5 |
| NNW | .6 | .9 | 2.0 | .8 | | .1 | | | | | | 4.4 | 7.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 6.7 | //// |
| TOTALS | 20.8 | 36.9 | 27.4 | 7.5 | .5 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS: 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.0 | 6.0 | 4.7 | .9 | .1 | | | | | | | 13.6 | 6.4 |
| NNE | 1.4 | 1.0 | 2.1 | .4 | | | | | | | | 5.0 | 6.3 |
| NE | 1.3 | 3.1 | 1.3 | .4 | | | | | | | | 6.1 | 5.4 |
| ENE | 1.4 | 2.1 | .5 | .1 | | | | | | | | 4.2 | 4.6 |
| E | 1.0 | 2.5 | .9 | .1 | | | | | | | | 4.6 | 5.1 |
| ESE | 1.2 | 1.8 | .7 | .1 | | | | | | | | 3.8 | 5.1 |
| SE | .4 | 1.4 | 1.6 | .3 | | | | | | | | 4.0 | 6.2 |
| SSE | .5 | 2.5 | 2.1 | .3 | | | | | | | | 5.4 | 6.6 |
| S | 1.2 | 3.5 | 5.2 | 1.8 | .1 | | | | | | | 11.9 | 7.6 |
| SSW | 1.4 | 1.4 | 2.6 | .8 | | | | | | | | 6.3 | 6.6 |
| SW | .7 | 1.4 | .8 | .8 | .3 | | | | | | | 3.9 | 7.6 |
| WSW | 1.8 | 1.0 | 1.3 | .1 | | | | | | | | 4.3 | 4.9 |
| W | 2.0 | 1.7 | .4 | 1.2 | | | | | | | | 5.2 | 5.9 |
| WNW | .7 | .4 | .8 | .7 | | | | | | | | 2.9 | 7.0 |
| NW | .9 | 1.4 | 1.8 | 2.0 | | | | | | | | 6.1 | 8.6 |
| NNW | .9 | 1.8 | 3.5 | 1.7 | .3 | | | | | | | 8.2 | 8.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 4.6 | //// |
| TOTALS | 18.8 | 34.1 | 30.3 | 11.5 | .8 | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS: 766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.2 | 5.2 | 4.6 | .5 | .1 | | | | | | | 12.7 | 6.0 |
| NNE | 1.6 | 4.1 | 2.2 | .4 | | | | | | | | 8.2 | 5.6 |
| NE | .9 | 2.5 | 1.7 | .4 | | | | | | | | 5.5 | 6.0 |
| ENE | 1.3 | 2.2 | .4 | | | | | | | | | 3.9 | 4.1 |
| E | 2.1 | 1.8 | .4 | | | | | | | | | 4.3 | 3.8 |
| ESE | .4 | 1.7 | .4 | | | | | | | | | 2.5 | 4.8 |
| SE | .5 | 2.0 | 1.0 | | | | | | | | | 3.5 | 5.9 |
| SSE | .9 | 2.6 | 2.0 | .3 | | | | | | | | 5.8 | 5.9 |
| S | 3.5 | 3.8 | 7.2 | 1.6 | | | | | | | | 16.1 | 6.8 |
| SSW | 1.2 | 2.4 | 2.1 | 1.0 | | | | | | | | 6.7 | 7.0 |
| SW | 1.6 | 1.3 | .7 | .7 | | | | | | | | 3.8 | 4.8 |
| WSW | .5 | 1.0 | .9 | | | | | | | | | 2.5 | 5.7 |
| W | .3 | 1.4 | .7 | .4 | .1 | | | | | | | 2.9 | 7.0 |
| WNW | .8 | .7 | .7 | .9 | .1 | | | | | | | 3.1 | 7.8 |
| NW | .9 | 2.1 | 2.5 | 1.6 | .3 | | | | | | | 7.2 | 8.5 |
| NNW | 1.0 | 2.6 | 3.1 | .8 | .1 | | | | | | | 7.7 | 6.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | | 3.7 | //// |
| TOTALS | 19.6 | 37.4 | 30.5 | 8.1 | .8 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS/LST: 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 4.3 | 4.1 | 2.7 | .7 | | | | | | | 11.8 | 5.1 |
| NNE | 2.9 | 2.0 | .7 | .1 | | | | | | | 5.8 | 4.1 |
| NE | 3.5 | 2.7 | 1.7 | .1 | | | | | | | 7.1 | 4.7 |
| ENE | 1.4 | 1.6 | .5 | | | | | | | | 3.5 | 4.2 |
| E | 3.4 | .9 | .9 | | | | | | | | 5.1 | 3.3 |
| ESE | 1.7 | 1.0 | .5 | .1 | | | | | | | 2.7 | 4.9 |
| SE | 1.3 | 1.2 | .4 | .1 | | | | | | | 3.0 | 4.3 |
| SSE | 2.0 | 2.0 | 1.6 | .3 | | | | | | | 5.8 | 5.4 |
| S | 3.9 | 5.2 | 4.1 | .4 | | | | | | | 13.6 | 5.3 |
| SSW | 1.2 | 1.4 | 1.7 | .1 | | | | | | | 4.4 | 5.9 |
| SW | | .1 | | | | | | | | | .1 | 6.0 |
| WSW | .1 | .3 | .1 | | | | | | | | .5 | 4.5 |
| W | .5 | .3 | .7 | .1 | | | | | | | 1.6 | 5.8 |
| WNW | .9 | .5 | .8 | .1 | .1 | | | | | | 2.5 | 5.8 |
| NW | 1.0 | 1.2 | .4 | .3 | .1 | | | | | | 3.0 | 5.8 |
| NNW | 2.0 | 1.7 | 2.1 | .7 | .1 | | | | | | 6.5 | 6.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 23.0 | //// |
| TOTALS | 29.3 | 25.2 | 18.8 | 3.3 | .4 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 7A-87
MONTH: FEB HOURS(IST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.9 | 2.5 | 2.9 | .5 | | | | | | | 9.7 | 5.1 |
| NNE | 2.3 | 2.5 | 2.0 | .2 | | | | | | | 6.9 | 5.2 |
| NE | 1.1 | 3.5 | 1.7 | | | | | | | | 6.3 | 5.5 |
| ENE | 2.5 | 1.8 | .5 | | | | | | | | 4.8 | 5.8 |
| E | 2.9 | 1.1 | .2 | | | | | | | | 4.2 | 7.9 |
| ESE | .6 | .8 | .5 | | | | | | | | 1.8 | 8.8 |
| SE | .3 | 1.1 | .5 | .2 | | | | | | | 2.0 | 5.7 |
| SSE | 2.6 | 3.1 | 2.0 | .3 | | | | | | | 8.0 | 5.1 |
| S | 4.0 | 3.4 | 2.3 | .6 | | | | | | | 10.3 | 5.1 |
| SSW | 1.8 | 1.8 | .5 | .3 | | | | | | | 4.5 | 4.5 |
| SW | .2 | .3 | | | | | | | | | .5 | 4.3 |
| WSW | .9 | | | | | | | | | | .9 | 7.0 |
| W | | .9 | .3 | .2 | | | | | | | 1.4 | 6.2 |
| WNW | .9 | .2 | | | .2 | | | | | | 1.2 | 4.4 |
| NW | | .8 | 1.1 | | | | | | | | 1.8 | 6.7 |
| NNW | .9 | 1.5 | 1.2 | .8 | | | | | | | 4.5 | 6.7 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 31.1 | //// |
| TOTALS | 25.0 | 25.3 | 15.6 | 2.9 | .2 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS: 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.4 | 4.8 | 3.8 | .6 | .0 | | | | | | 12.7 | 5.6 |
| NNE | 2.1 | 3.0 | 1.8 | .2 | | | | | | | 7.2 | 5.3 |
| NE | 1.7 | 3.0 | 1.7 | .2 | | | | | | | 6.6 | 5.3 |
| ENE | 2.0 | 2.3 | .9 | .0 | | | | | | | 5.3 | 4.4 |
| E | 2.4 | 1.6 | .7 | .0 | | | | | | | 4.8 | 3.9 |
| ESE | 1.2 | 1.3 | .5 | .1 | | | | | | | 3.0 | 4.1 |
| SE | 1.0 | 1.4 | .9 | .1 | | | | | | | 4.0 | 5.0 |
| SSE | 1.3 | 2.2 | 1.7 | .3 | | | | | | | 5.5 | 5.7 |
| S | 2.4 | 3.4 | 3.6 | .9 | .0 | | | | | | 10.4 | 6.2 |
| SSW | 1.1 | 1.6 | 1.2 | .3 | .0 | | | | | | 4.3 | 5.9 |
| SW | .7 | .4 | .4 | .3 | .0 | | | | | | 2.2 | 5.8 |
| WSW | .8 | .6 | .5 | .1 | | | | | | | 2.0 | 4.9 |
| W | 1.0 | 1.2 | .5 | .4 | .0 | | | | | | 3.1 | 5.7 |
| WNW | .8 | .5 | .5 | .1 | .1 | | | | | | 2.4 | 6.8 |
| NW | .7 | 1.2 | 1.2 | .9 | .1 | | | | | | 4.1 | 7.8 |
| NNW | 1.1 | 1.4 | 1.9 | .7 | .1 | .0 | | | | | 5.6 | 6.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 16.8 | //// |
| TOTALS | 23.4 | 31.1 | 21.9 | 5.4 | .4 | .0 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 5520

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: MAR HOURS(IST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.7 | 5.0 | .7 | .2 | | | | | | | 8.6 | 4.3 |
| NNE | 1.4 | 2.2 | 1.1 | | | | | | | | 5.0 | 4.8 |
| NE | 2.0 | 3.0 | .5 | | | | | | | | 5.6 | 4.3 |
| ENE | .9 | .7 | | | | | | | | | 1.1 | 2.2 |
| E | 1.0 | .5 | | | | | | | | | 2.3 | 2.2 |
| ESE | 1.6 | .5 | | | | | | | | | 2.2 | 2.3 |
| SE | 2.2 | 1.3 | 1.6 | .7 | .2 | | | | | | 5.9 | 6.6 |
| SSE | 2.0 | 1.4 | 1.3 | .2 | | | | | | | 5.2 | 4.9 |
| S | 4.1 | 6.6 | 3.4 | | | | | | | | 14.2 | 4.9 |
| SSW | 1.0 | 2.7 | .7 | .2 | | | | | | | 5.0 | 4.5 |
| SW | 2.3 | 1.1 | .2 | | | | | | | | 3.6 | 3.3 |
| WSW | .4 | .7 | | .2 | | | | | | | 1.3 | 5.0 |
| W | .7 | .4 | | | | | | | | | 1.1 | 3.2 |
| WNW | .4 | .4 | | | | | | | | | .7 | 3.0 |
| NW | .9 | .5 | 1.1 | .2 | | | | | | | 2.7 | 5.7 |
| NNW | .2 | .5 | .9 | .2 | | | | | | | 1.8 | 7.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 33.9 | //// |
| TOTALS | 25.6 | 27.1 | 11.5 | 1.4 | .2 | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: MAR HOURS(IST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.5 | 4.7 | 1.3 | | | | | | | | | 8.4 | 4.5 |
| NNE | 1.9 | 1.6 | 1.1 | | | | | | | | | 4.5 | 4.5 |
| NE | 1.6 | 2.3 | .9 | | | | | | | | | 4.8 | 4.5 |
| ENE | 1.3 | 1.3 | .2 | | | | | | | | | 2.7 | 3.4 |
| E | 1.6 | .7 | .2 | | | | | | | | | 2.5 | 2.9 |
| ESE | 1.8 | .7 | .4 | | | | | | | | | 2.9 | 3.5 |
| SE | 2.2 | 1.6 | .9 | .4 | .2 | | | | | | | 5.2 | 5.5 |
| SSE | 2.0 | 2.5 | .9 | .5 | | | | | | | | 5.9 | 5.4 |
| S | 5.0 | 6.1 | 2.9 | .2 | | | | | | | | 14.2 | 4.6 |
| SSW | 1.6 | 1.4 | .5 | | | | | | | | | 3.6 | 4.4 |
| SW | 1.4 | | .2 | | | | | | | | | 1.6 | 2.6 |
| WSW | .4 | .2 | .2 | | | | | | | | | .7 | 4.3 |
| W | 1.1 | .7 | .4 | | | | | | | | | 2.2 | 3.9 |
| WNW | .7 | | | | | | | | | | | .7 | 2.5 |
| NW | 1.3 | .4 | 1.3 | .5 | | | | | | | | 3.4 | 6.2 |
| NNW | .9 | 1.3 | .9 | .2 | | | | | | | | 3.2 | 5.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 33.5 | //// |
| TOTALS | 27.1 | 25.4 | 12.0 | 1.4 | .2 | | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.3 | 3.6 | 1.6 | | | | | | | | 8.5 | 4.5 |
| NNE | 2.4 | 2.3 | .9 | | | | | | | | 5.7 | 4.1 |
| NE | 1.2 | 3.0 | .9 | .1 | | | | | | | 5.2 | 5.0 |
| ENE | 2.2 | 1.4 | .3 | | | | | | | | 3.9 | 3.4 |
| E | 2.3 | 1.7 | .1 | | | | | | | | 4.2 | 3.2 |
| ESE | 1.6 | 1.4 | .5 | | | | | | | | 3.5 | 3.8 |
| SE | 1.9 | 2.1 | .8 | .6 | | | | | | | 5.3 | 5.2 |
| SSE | 2.4 | 2.8 | 2.4 | .3 | | | | | | | 8.0 | 5.6 |
| S | 2.6 | 5.0 | 2.7 | .8 | | | | | | | 11.0 | 5.6 |
| SSW | 1.7 | 2.2 | .9 | | | | | | | | 4.9 | 4.5 |
| SW | .7 | .8 | | | | | | | | | 1.5 | 3.8 |
| WSW | .6 | .2 | .2 | | | | | | | | 1.0 | 3.4 |
| W | .8 | .9 | .6 | .1 | .1 | | | | | | 2.6 | 5.5 |
| WNW | .5 | .6 | .8 | .1 | | | | | | | 2.0 | 5.9 |
| NW | .8 | 1.4 | .8 | .6 | | | | | | | 3.6 | 6.1 |
| NNW | 1.0 | 1.5 | .8 | .7 | | | | | | | 4.1 | 6.2 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 25.0 | //// |
| TOTALS | 26.0 | 31.0 | 14.5 | 3.4 | .1 | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.1 | 3.2 | 2.8 | .8 | | | | | | | | 8.0 | 6.6 |
| NNE | 1.5 | .9 | 1.8 | .2 | | | | | | | | 4.4 | 5.7 |
| NE | .7 | 2.7 | 1.0 | .1 | | | | | | | | 4.0 | 5.5 |
| ENE | .7 | 2.8 | 1.8 | | | | | | | | | 5.4 | 5.9 |
| E | 2.2 | 2.3 | .8 | .1 | | | | | | | | 5.4 | 4.5 |
| ESE | 1.4 | 1.5 | 1.0 | .2 | | | | | | | | 4.1 | 5.5 |
| SE | 1.0 | 3.2 | 1.9 | .3 | | | | | | | | 6.5 | 5.9 |
| SSE | 1.5 | 2.7 | 3.5 | .8 | .1 | | | | | | | 8.7 | 6.8 |
| S | 1.6 | 4.3 | 6.0 | 1.3 | .3 | | | | | | | 13.6 | 7.2 |
| SSW | 1.7 | 3.5 | 3.5 | 1.0 | | | | | | | | 9.8 | 6.7 |
| SW | 1.1 | 1.9 | 1.7 | .2 | | | | | | | | 5.0 | 5.6 |
| WSW | .7 | .9 | .6 | | | | | | | | | 2.2 | 5.1 |
| W | 2.4 | 1.1 | 1.0 | .2 | | | | | | | | 4.8 | 4.9 |
| WNW | 1.1 | .6 | .7 | .3 | .2 | | | | | | | 3.0 | 7.1 |
| NW | .8 | 1.4 | .8 | 1.0 | .1 | | | | | | | 4.6 | 7.0 |
| NNW | .6 | 1.5 | 2.8 | 1.1 | .1 | | | | | | | 6.2 | 7.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 4.7 | //// |
| TOTALS | 20.0 | 34.5 | 32.0 | 7.9 | .9 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.2 | 3.2 | 3.8 | .9 | | | | | | | 9.0 | 6.8 |
| NNE | .4 | 2.3 | 1.5 | .4 | | | | | | | 4.6 | 6.5 |
| NE | .2 | 1.8 | 1.2 | .1 | | | | | | | 3.3 | 6.6 |
| ENE | .4 | 1.6 | 1.2 | | | | | | | | 3.2 | 6.0 |
| E | 1.2 | 1.2 | .1 | .1 | | | | | | | 2.6 | 4.1 |
| ESE | .5 | 1.9 | .6 | .4 | | | | | | | 3.3 | 5.9 |
| SE | .7 | 1.6 | 2.0 | .1 | | | | | | | 4.5 | 6.2 |
| SSE | 1.2 | 1.6 | 2.8 | .6 | .1 | | | | | | 6.3 | 7.4 |
| S | 2.7 | 4.9 | 9.2 | 2.9 | .1 | | | | | | 19.8 | 7.6 |
| SSW | 1.3 | 4.0 | 4.0 | .4 | .2 | | | | | | 9.9 | 6.8 |
| SW | .9 | 2.1 | 1.3 | .7 | | | | | | | 5.0 | 6.3 |
| WSW | 1.1 | 2.0 | 1.2 | .1 | | | | | | | 4.3 | 5.4 |
| W | 2.9 | 2.0 | 1.2 | | | | | | | | 6.0 | 4.2 |
| WNW | 1.3 | .7 | 2.0 | .5 | .1 | .1 | | | | | 4.7 | 7.6 |
| NW | .8 | 1.4 | 1.1 | .7 | .1 | .1 | | | | | 4.2 | 7.5 |
| NNW | .7 | 1.4 | 2.5 | 1.2 | | .1 | | | | | 5.9 | 8.3 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 3.4 | //// |
| TOTALS | 17.3 | 33.8 | 35.4 | 9.0 | .7 | .4 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS: 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.2 | 3.9 | 4.3 | .4 | .1 | | | | | | 10.9 | 6.1 |
| NNE | 1.5 | 1.3 | 1.4 | .2 | | | | | | | 4.5 | 5.3 |
| NE | 1.1 | 2.0 | 1.3 | .1 | | | | | | | 4.5 | 5.4 |
| ENE | .5 | .2 | .7 | | | | | | | | 2.0 | 5.2 |
| E | 1.6 | 1.3 | .1 | | | | | | | | 3.1 | 3.5 |
| ESE | .8 | 1.2 | | | | | | | | | 2.0 | 3.6 |
| SE | 1.2 | 2.0 | 1.1 | .4 | | | | | | | 4.6 | 5.7 |
| SSE | .9 | 1.9 | 3.6 | 1.5 | .1 | | | | | | 8.1 | 7.9 |
| S | 2.1 | 5.5 | 8.1 | 2.7 | .5 | | | | | | 18.9 | 7.8 |
| SSW | 2.3 | 3.5 | 4.3 | 1.1 | | | | | | | 11.3 | 6.5 |
| SW | .6 | 1.3 | 1.3 | .5 | | | | | | | 3.6 | 6.7 |
| WSW | 1.8 | 1.9 | .2 | | | | | | | | 3.8 | 3.9 |
| W | .8 | 1.6 | 1.8 | | | | | | | | 4.2 | 6.0 |
| WNW | 1.2 | .8 | .8 | .6 | .2 | | | | | | 3.6 | 6.6 |
| NW | .5 | 1.6 | 1.3 | 1.2 | .4 | | | | | | 4.9 | 8.3 |
| NNW | 1.2 | 1.8 | 2.2 | .9 | | .2 | | | | | 6.3 | 7.6 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 3.8 | //// |
| TOTALS | 20.3 | 32.3 | 32.6 | 9.5 | 1.3 | .2 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS: 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1800-2400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 4.2 | 3.1 | 1.9 | .2 | | | | | | | | 9.4 | 4.6 |
| NNE | 2.1 | 1.4 | 1.1 | .1 | | | | | | | | 4.7 | 4.5 |
| NE | 1.9 | 1.1 | .5 | | | | | | | | | 3.4 | 3.6 |
| ENE | 1.1 | .4 | .2 | | | | | | | | | 1.6 | 3.9 |
| E | 2.2 | .9 | .1 | | | | | | | | | 3.3 | 3.2 |
| ESE | 1.3 | .4 | .1 | .1 | | | | | | | | 1.9 | 3.7 |
| SE | 2.1 | 1.6 | .2 | .5 | | | | | | | | 4.5 | 4.5 |
| SSE | 3.3 | 3.3 | 2.2 | .4 | .1 | | | | | | | 9.3 | 5.3 |
| S | 4.8 | 10.2 | 4.5 | 1.4 | | | | | | | | 21.0 | 5.6 |
| SSW | 2.0 | 2.6 | 1.4 | .4 | | | | | | | | 6.4 | 5.1 |
| SW | .5 | .6 | .4 | .1 | | | | | | | | 1.5 | 5.6 |
| WSW | .7 | .1 | .1 | | | | | | | | | .9 | 2.8 |
| W | .8 | .5 | .2 | | | | | | | | | 1.5 | 4.0 |
| WNW | .6 | .4 | .7 | .5 | | | | | | | | 2.1 | 7.4 |
| NW | .6 | 1.4 | 1.1 | .1 | | | | | | | | 3.2 | 5.8 |
| NNW | .9 | 1.2 | 1.6 | .7 | .2 | | | | | | | 4.7 | 7.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 20.5 | //// |
| TOTALS | 29.2 | 29.1 | 16.4 | 4.5 | .4 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 4.0 | 2.9 | 1.1 | | | | | | | | | 8.1 | 4.1 |
| NNE | .8 | 2.2 | .4 | | | | | | | | | 3.5 | 4.5 |
| NE | 2.1 | 1.5 | 1.0 | | | | | | | | | 4.6 | 4.2 |
| ENE | 1.8 | 1.0 | | | | | | | | | | 2.8 | 3.1 |
| E | 2.5 | .4 | | | | | | | | | | 2.9 | 2.5 |
| ESE | 1.5 | .1 | | | | | | | | | | 1.7 | 2.2 |
| SE | 1.1 | 1.3 | .8 | .4 | | | | | | | | 3.6 | 5.8 |
| SSE | 1.8 | 3.2 | 2.4 | .7 | .1 | | | | | | | 8.2 | 6.3 |
| S | 6.8 | 7.7 | 3.5 | .6 | | | | | | | | 18.5 | 4.8 |
| SSW | 2.2 | 2.5 | 1.1 | .1 | | | | | | | | 6.0 | 4.5 |
| SW | 1.0 | .8 | .1 | .1 | | | | | | | | 2.1 | 4.4 |
| WSW | .4 | | .1 | | | | | | | | | .6 | 2.8 |
| W | .3 | .3 | | | | | | | | | | .6 | 3.3 |
| WNW | .6 | .7 | .1 | .1 | | | | | | | | 1.5 | 4.8 |
| NW | .7 | .4 | .4 | | .3 | | | | | | | 1.8 | 6.5 |
| NNW | 1.3 | .8 | .7 | 1.0 | | | | | | | | 3.8 | 6.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 29.7 | //// |
| TOTALS | 29.0 | 25.9 | 11.9 | 3.1 | .4 | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.6 | 3.6 | 2.3 | .3 | .0 | | | | | | | 8.9 | 5.3 |
| NNE | 1.5 | 1.8 | 1.2 | .1 | | | | | | | | 4.6 | 5.0 |
| NE | 1.3 | 2.1 | .9 | .1 | | | | | | | | 4.3 | 4.9 |
| ENE | 1.1 | 1.2 | .6 | | | | | | | | | 2.9 | 4.6 |
| E | 1.9 | 1.2 | .2 | .0 | | | | | | | | 3.4 | 3.5 |
| ESE | 1.3 | 1.0 | .3 | .1 | | | | | | | | 2.7 | 4.2 |
| SE | 1.5 | 1.9 | 1.2 | .4 | .0 | | | | | | | 5.0 | 5.7 |
| SSE | 1.9 | 2.5 | 2.5 | .7 | .1 | | | | | | | 7.6 | 6.3 |
| S | 3.6 | 6.3 | 5.2 | 1.4 | .1 | | | | | | | 16.5 | 6.2 |
| SSW | 1.8 | 2.9 | 2.2 | .4 | .0 | | | | | | | 7.4 | 5.8 |
| SW | 1.0 | 1.1 | .7 | .2 | | | | | | | | 3.1 | 5.4 |
| WSW | .8 | .8 | .4 | .0 | | | | | | | | 2.0 | 4.5 |
| W | 1.3 | 1.0 | .7 | .0 | .0 | | | | | | | 3.0 | 4.8 |
| WNW | .8 | .5 | .7 | .3 | .1 | .0 | | | | | | 2.5 | 6.6 |
| NW | .8 | 1.2 | 1.0 | .6 | .1 | .0 | | | | | | 3.6 | 6.9 |
| NNW | .9 | 1.3 | 1.6 | .8 | .0 | .0 | | | | | | 4.7 | 7.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 17.6 | //// |
| TOTALS | 24.0 | 30.4 | 21.9 | 5.5 | .6 | .1 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 6125

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87
MONTH: APR HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.0 | 1.9 | 1.4 | .2 | | | | | | | 6.5 | 4.5 |
| NNE | 1.0 | 1.4 | 1.1 | | | | | | | | 3.5 | 5.1 |
| NE | 1.6 | .8 | .3 | | | | | | | | 2.7 | 3.1 |
| ENE | 2.1 | 1.1 | | | | | | | | | 3.2 | 2.8 |
| E | 1.7 | .5 | .2 | .2 | | | | | | | 2.5 | 3.5 |
| ESE | .6 | .2 | | .2 | | | | | | | 1.0 | 3.7 |
| SE | 1.3 | .5 | 1.6 | .2 | | | | | | | 3.5 | 6.2 |
| SSE | 3.5 | 1.1 | 3.0 | .6 | | | | | | | 8.3 | 5.6 |
| S | 6.7 | 7.6 | 5.2 | .8 | | | | | | | 20.3 | 5.2 |
| SSW | 1.6 | 2.1 | .6 | .2 | | | | | | | 4.4 | 4.6 |
| SW | 1.9 | .5 | | | | | | | | | 2.4 | 2.6 |
| WSW | 2.1 | .6 | .2 | | | | | | | | 2.9 | 3.0 |
| W | 1.0 | .2 | | .2 | | | | | | | 1.3 | 3.8 |
| WNW | 1.1 | 1.3 | .2 | .2 | | | | | | | 2.7 | 4.2 |
| NW | .5 | 1.3 | .2 | .2 | | | | | | | 2.1 | 5.3 |
| NNW | 1.0 | .5 | .5 | | | | | | | | 1.9 | 3.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 31.0 | //// |
| TOTALS | 30.5 | 21.4 | 14.4 | 2.7 | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.6 | 3.3 | .8 | .2 | .2 | | | | | | | 8.0 | 4.2 |
| NNE | 1.4 | 1.1 | .8 | | | | | | | | | 3.3 | 4.9 |
| NE | .9 | .5 | .8 | | | | | | | | | 2.2 | 4.5 |
| ENE | 2.5 | 1.3 | .5 | | | | | | | | | 4.3 | 3.7 |
| E | 2.8 | .5 | .3 | | | | | | | | | 3.6 | 2.9 |
| ESE | 1.9 | .3 | | | | | | | | | | 2.2 | 2.4 |
| SE | 2.2 | 1.7 | .8 | | | | | | | | | 4.7 | 4.4 |
| SSE | 2.5 | 3.0 | 2.4 | | | | | | | | | 7.9 | 5.0 |
| S | 3.5 | 6.6 | 3.6 | .8 | | | | | | | | 14.5 | 5.6 |
| SSW | 1.3 | 1.1 | .6 | .2 | | | | | | | | 3.2 | 4.9 |
| SW | 1.3 | .6 | .5 | | | | | | | | | 2.4 | 4.0 |
| WSW | 1.4 | .9 | .2 | | | | | | | | | 2.5 | 3.8 |
| W | 1.1 | 1.1 | | | | | | | | | | 2.2 | 3.2 |
| WNW | .8 | .5 | .3 | | | | | | | | | 1.6 | 4.4 |
| NW | .2 | .9 | | | | | | | | | | 1.1 | 4.6 |
| NNW | 1.7 | 1.1 | .5 | | | | | | | | | 3.3 | 3.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 33.0 | //// |
| TOTALS | 29.2 | 24.6 | 12.0 | 1.1 | .2 | | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS: 634

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.2 | 3.4 | 1.0 | .1 | | | | | | | 6.7 | 4.8 |
| NNE | 1.5 | 2.1 | .6 | | | | | | | | 4.1 | 4.3 |
| NE | 1.2 | 1.7 | 1.1 | .1 | | | | | | | 4.1 | 5.2 |
| ENE | 1.7 | 2.1 | .2 | | | | | | | | 4.0 | 3.9 |
| E | 4.7 | 1.3 | .6 | | | | | | | | 6.7 | 3.1 |
| ESE | 3.1 | 1.9 | .2 | | | | | | | | 5.3 | 3.3 |
| SE | 2.1 | 2.7 | 1.2 | | | | | | | | 5.9 | 4.5 |
| SSE | 1.6 | 3.0 | 2.2 | .1 | .2 | | | | | | 7.1 | 5.9 |
| S | 2.5 | 5.6 | 3.9 | .4 | .1 | | | | | | 12.5 | 5.7 |
| SSW | 1.6 | 1.8 | .5 | | | | | | | | 3.9 | 4.3 |
| SW | .7 | 1.2 | .2 | | | | | | | | 2.2 | 4.4 |
| WSW | .8 | .8 | .2 | | | | | | | | 1.9 | 3.9 |
| W | 1.6 | 1.5 | .4 | | | | | | | | 3.4 | 3.9 |
| WNW | 1.5 | 1.2 | .5 | | | | | | | | 3.1 | 4.3 |
| NW | 1.3 | 2.1 | 1.3 | .1 | | | | | | | 4.8 | 5.2 |
| NNW | 1.2 | 1.9 | .8 | .2 | | | | | | | 4.2 | 5.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 20.1 | //// |
| TOTALS | 29.3 | 34.2 | 15.0 | 1.1 | .4 | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.3 | 2.5 | 2.5 | .2 | | | | | | | 6.5 | 5.8 |
| NNE | .5 | 1.5 | .5 | .1 | | | | | | | 2.6 | 5.6 |
| NE | .9 | 2.0 | 1.3 | .4 | | | | | | | 4.6 | 5.9 |
| ENE | .7 | 1.8 | 1.1 | | | | | | | | 3.6 | 5.4 |
| E | 1.9 | 2.1 | .2 | | | | | | | | 4.3 | 3.7 |
| ESE | 1.2 | 2.8 | 1.9 | .1 | | | | | | | 6.0 | 5.5 |
| SE | .9 | 3.6 | 3.1 | .2 | .1 | | | | | | 7.9 | 6.4 |
| SSE | 1.7 | 3.7 | 3.0 | 1.1 | | | | | | | 9.4 | 6.5 |
| S | 1.9 | 6.2 | 6.3 | 2.0 | .5 | | | | | | 16.8 | 7.3 |
| SSW | .8 | 2.5 | 1.7 | .1 | | | | | | | 5.1 | 5.7 |
| SW | .9 | 1.7 | .7 | .1 | | | | | | | 3.4 | 5.3 |
| WSW | .9 | 1.7 | .9 | .1 | | | | | | | 3.7 | 5.5 |
| W | 2.0 | 1.1 | 1.3 | .2 | | | | | | | 4.6 | 5.1 |
| WNW | 1.3 | 1.5 | 1.7 | .4 | | | | | | | 4.9 | 6.3 |
| NW | 1.1 | 1.8 | 2.1 | .7 | .1 | | | | | | 5.8 | 7.1 |
| NNW | .6 | 1.8 | 3.3 | .8 | | | | | | | 6.5 | 7.7 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 4.2 | //// |
| TOTALS | 18.7 | 38.2 | 31.6 | 6.6 | .7 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-97
MONTH: APR HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.1 | 2.2 | 2.7 | .4 | | | | | | | | 6.3 | 6.4 |
| NNE | .5 | 1.5 | 1.2 | .2 | | | | | | | | 3.4 | 6.3 |
| NE | .9 | 1.0 | 1.0 | .2 | | | | | | | | 3.1 | 5.4 |
| ENE | .6 | 1.7 | .5 | | | | | | | | | 2.8 | 4.9 |
| E | 1.3 | 1.6 | .5 | | | | | | | | | 3.4 | 4.2 |
| ESE | .5 | .9 | 1.0 | | | | | | | | | 2.3 | 5.8 |
| SE | .6 | 1.4 | 2.0 | .6 | .1 | | | | | | | 5.1 | 7.5 |
| SSE | 1.1 | 4.8 | 3.9 | 2.3 | | | | | | | | 12.1 | 7.4 |
| S | 3.2 | 4.6 | 8.4 | 3.2 | .4 | | | | | | | 19.8 | 7.6 |
| SSW | 1.1 | 3.2 | 2.2 | .2 | .1 | | | | | | | 6.8 | 5.9 |
| SW | .9 | 2.3 | 1.6 | .1 | | | | | | | | 4.9 | 5.6 |
| WSW | .9 | 2.2 | 1.2 | | | | | | | | | 4.3 | 5.4 |
| W | 1.2 | 1.5 | 1.0 | .5 | | | | | | | | 4.2 | 5.7 |
| WNW | 1.0 | 1.0 | 1.3 | 1.2 | | | | | | | | 4.5 | 7.6 |
| NW | 1.5 | 1.5 | 2.0 | 1.0 | .1 | | | | | | | 6.0 | 7.1 |
| NNW | 1.2 | 2.8 | 3.4 | 1.2 | | | | | | | | 8.7 | 7.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 2.3 | //// |
| TOTALS | 17.5 | 34.4 | 33.8 | 11.2 | .7 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 7A-87
MONTH: APR HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.7 | 2.8 | 2.6 | .6 | | | | | | | 7.7 | 6.2 |
| NNE | 1.0 | 1.2 | 1.1 | .2 | | | | | | | 3.5 | 5.9 |
| NE | .9 | .9 | .2 | | | | | | | | 2.0 | 4.3 |
| ENE | 1.0 | 1.2 | .9 | | | | | | | | 3.1 | 4.9 |
| E | 1.7 | 1.5 | .2 | | | | | | | | 3.4 | 4.0 |
| ESE | 1.2 | 1.2 | .4 | | | | | | | | 2.8 | 4.3 |
| SE | 2.2 | 2.3 | 2.2 | .7 | | | | | | | 7.0 | 5.5 |
| SSE | 1.1 | 2.8 | 4.0 | 2.1 | .2 | | | | | | 10.5 | 8.0 |
| S | 3.1 | 7.4 | 9.9 | 3.1 | | | | | | | 23.4 | 7.1 |
| SSW | .5 | 2.8 | 2.9 | .9 | | | | | | | 7.1 | 7.2 |
| SW | .9 | 1.2 | .9 | .3 | | | | | | | 3.1 | 5.3 |
| WSW | .7 | 1.0 | .2 | .1 | | | | | | | 2.1 | 4.5 |
| W | .9 | 1.2 | .9 | .1 | | | | | | | 3.1 | 5.7 |
| WNW | 1.2 | 1.2 | 2.2 | .7 | | | | | | | 4.9 | 6.3 |
| NW | .5 | 2.0 | 2.4 | 1.7 | | | | | | | 6.2 | 8.0 |
| NNW | .6 | 2.8 | 3.2 | .6 | | | | | | | 7.2 | 7.2 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 3.1 | //// |
| TOTALS | 19.0 | 33.6 | 34.2 | 9.9 | .2 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(1ST): 1800-2400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.4 | 2.4 | 1.3 | .2 | | | | | | | 7.8 | 4.5 |
| NNE | 1.7 | 1.1 | | | | | | | | | 2.8 | 2.9 |
| NE | 1.7 | 1.0 | | .1 | | | | | | | 2.8 | 3.4 |
| ENE | .9 | .9 | .4 | | | | | | | | 2.1 | 4.3 |
| E | 2.5 | .5 | .2 | | | | | | | | 3.2 | 2.8 |
| ESE | 1.1 | .4 | .6 | | | | | | | | 2.1 | 4.3 |
| SE | 1.1 | 1.2 | .6 | .4 | | | | | | | 3.3 | 5.4 |
| SSE | 2.2 | 3.6 | 3.2 | .7 | | | | | | | 9.7 | 5.8 |
| S | 7.4 | 11.9 | 6.2 | 1.5 | | | | | | | 27.0 | 5.4 |
| SSW | 1.8 | 1.8 | 1.1 | .2 | | | | | | | 5.0 | 5.0 |
| SW | .5 | .6 | .2 | | | | | | | | 1.3 | 4.5 |
| WSW | .6 | .1 | | .1 | | | | | | | .9 | 4.1 |
| W | .9 | .6 | .4 | | | | | | | | 1.8 | 3.6 |
| WW | .6 | 1.1 | .6 | .1 | | | | | | | 2.5 | 5.8 |
| NW | 1.7 | 1.3 | .7 | .1 | .1 | | | | | | 4.0 | 4.9 |
| NNW | 1.1 | 1.4 | 1.1 | .5 | | | | | | | 4.5 | 5.8 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 19.1 | //// |
| TOTALS | 29.2 | 70.4 | 16.8 | 4.0 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS: 416

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS: 11-11: 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.4 | 3.4 | 1.7 | | | | | | | | 8.5 | 4.6 |
| NNE | 1.3 | .1 | .1 | | | | | | | | 1.6 | 3.5 |
| NE | .4 | .9 | .4 | .1 | | | | | | | 1.9 | 5.3 |
| ENE | 1.9 | 1.2 | .1 | | | | | | | | 3.2 | 3.4 |
| E | 1.5 | .9 | | | | | | | | | 2.3 | 2.9 |
| ESE | .7 | .6 | .3 | | | | | | | | 1.6 | 4.3 |
| SE | .6 | 1.0 | 1.0 | | | | | | | | 2.6 | 5.3 |
| SSE | 3.1 | 3.6 | 3.5 | .9 | | | | | | | 11.1 | 5.8 |
| S | 9.3 | 9.2 | 4.7 | .9 | | | | | | | 24.1 | 4.8 |
| SSW | 2.2 | 2.6 | .6 | | | | | | | | 5.4 | 4.2 |
| SW | .6 | .4 | | | | | | | | | 1.0 | 3.0 |
| WSW | .6 | .4 | | | | | | | | | 1.0 | 3.0 |
| W | .7 | .4 | | | | | | | | | 1.2 | 3.0 |
| WNW | .4 | .4 | .1 | .1 | | | | | | | 1.2 | 5.5 |
| NW | .7 | .9 | .4 | .1 | | | | | | | 2.2 | 5.1 |
| NNW | .6 | 1.5 | | .3 | | | | | | | 2.3 | 4.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 28.9 | //// |
| TOTALS | 28.0 | 27.6 | 13.1 | 2.5 | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS: 686

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.4 | 2.9 | 1.8 | .2 | .0 | | | | | | 7.2 | 5.2 |
| NNE | 1.1 | 1.3 | .7 | .1 | | | | | | | 3.1 | 4.9 |
| NE | 1.1 | 1.1 | .7 | .1 | | | | | | | 3.0 | 4.8 |
| ENE | 1.4 | 1.4 | .5 | | | | | | | | 3.2 | 4.2 |
| E | 2.3 | 1.2 | .3 | .0 | | | | | | | 3.8 | 3.4 |
| ESE | 1.3 | 1.1 | .6 | .0 | | | | | | | 3.0 | 4.4 |
| SE | 1.4 | 1.9 | 1.6 | .2 | .0 | | | | | | 5.1 | 5.7 |
| SSE | 2.0 | 3.3 | 3.2 | 1.1 | .1 | | | | | | 9.5 | 6.4 |
| S | 4.5 | 7.4 | 6.2 | 1.6 | .1 | | | | | | 19.8 | 6.1 |
| SSW | 1.3 | 2.3 | 1.3 | .2 | .0 | | | | | | 5.2 | 5.5 |
| SW | .9 | 1.1 | .5 | .0 | | | | | | | 2.6 | 4.7 |
| WSW | 1.0 | 1.0 | .4 | .0 | | | | | | | 2.4 | 4.5 |
| W | 1.2 | 1.0 | .5 | .1 | | | | | | | 2.8 | 4.7 |
| WNW | 1.0 | 1.1 | .9 | .3 | | | | | | | 3.3 | 5.9 |
| NW | 1.0 | 1.5 | 1.2 | .5 | .0 | | | | | | 4.2 | 6.4 |
| NNW | 1.0 | 1.8 | 1.7 | .5 | | | | | | | 5.0 | 6.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 16.5 | //// |
| TOTALS | 24.8 | 31.2 | 22.1 | 5.1 | .3 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS: 6074

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: MAY HOURS(IST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.4 | 1.4 | .4 | .2 | | | | | | | 5.4 | 3.5 |
| NNE | 1.8 | 1.4 | .4 | | | | | | | | 3.6 | 3.8 |
| NE | 2.9 | 1.1 | | | | | | | | | 3.9 | 2.7 |
| ENE | 1.8 | .9 | | | | | | | | | 2.7 | 2.6 |
| E | 1.6 | .5 | | | | | | | | | 2.2 | 2.7 |
| ESE | 1.6 | .4 | .2 | | | | | | | | 2.2 | 3.1 |
| SE | 1.6 | 2.2 | 1.3 | .4 | | | | | | | 5.4 | 5.4 |
| SSE | 4.1 | 3.4 | 1.4 | | | | | | | | 9.0 | 4.1 |
| S | 7.3 | 5.7 | 2.5 | .2 | | | | | | | 15.8 | 4.3 |
| SSW | 1.8 | .7 | .7 | | | | | | | | 3.2 | 4.0 |
| SW | 2.7 | .9 | .2 | | | | | | | | 3.2 | 2.4 |
| WSW | 1.3 | .4 | | | | | | | | | 1.6 | 2.9 |
| W | .5 | .2 | .2 | | | | | | | | .9 | 3.4 |
| WNW | .2 | | | | | | | | | | .2 | 1.0 |
| NW | .7 | | .2 | .2 | | | | | | | 1.1 | 5.5 |
| NNW | .5 | .5 | .5 | | .2 | | | | | | 1.8 | 6.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 38.0 | //// |
| TOTALS | 33.9 | 19.2 | 7.9 | .9 | .2 | | | | | | 100.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(IST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.7 | 1.9 | .6 | | | | | | | | 5.3 | 3.8 |
| NNE | 2.4 | 2.1 | .6 | | | | | | | | 5.1 | 3.9 |
| NE | 1.6 | 2.2 | | | | | | | | | 3.8 | 3.5 |
| ENE | 2.4 | .5 | .3 | | | | | | | | 3.2 | 3.0 |
| E | 2.1 | 1.4 | | | | | | | | | 3.5 | 2.9 |
| ESE | 2.2 | .5 | .2 | | | | | | | | 2.9 | 3.3 |
| SE | 2.7 | 2.1 | 1.1 | .2 | | | | | | | 6.1 | 4.3 |
| SSE | 2.6 | 3.8 | 1.9 | | | | | | | | 8.3 | 4.9 |
| S | 4.6 | 5.1 | 1.9 | .3 | | | | | | | 12.7 | 4.7 |
| SSW | 1.6 | .5 | .2 | | | | | | | | 2.2 | 3.3 |
| SW | 1.1 | .3 | .3 | | | | | | | | 1.8 | 3.5 |
| WSW | 1.4 | .2 | .2 | | | | | | | | 1.8 | 2.9 |
| W | 1.0 | .6 | | | | | | | | | 1.6 | 2.9 |
| WNW | 1.1 | .5 | | | | | | | | | 1.6 | 2.8 |
| NW | .5 | .3 | | | | | | | | | .8 | 2.8 |
| NNW | 1.1 | 1.0 | .6 | | | | | | | | 2.7 | 4.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 37.5 | //// |
| TOTALS | 31.1 | 23.7 | 8.0 | .5 | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS: 627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.7 | 1.7 | 1.2 | | | | | | | | 4.6 | 4.9 |
| NNE | 1.5 | 2.1 | .5 | .2 | | | | | | | 4.2 | 4.7 |
| NE | 1.8 | 1.2 | .5 | .1 | | | | | | | 3.6 | 4.4 |
| ENE | 3.2 | 2.2 | .7 | | | | | | | | 6.1 | 3.7 |
| E | 4.1 | 3.0 | .2 | | | | | | | | 7.4 | 3.3 |
| ESE | 3.8 | 2.3 | .2 | | | | | | | | 6.3 | 3.5 |
| SE | 3.8 | 5.0 | 1.8 | .2 | .1 | | | | | | 10.9 | 4.8 |
| SSE | 3.0 | 3.5 | 2.1 | .5 | | | | | | | 9.1 | 5.1 |
| S | 2.5 | 5.3 | 4.2 | | | | | | | | 12.1 | 5.4 |
| SSW | 1.5 | .6 | 1.0 | | | | | | | | 3.0 | 4.8 |
| SW | .8 | 1.0 | .2 | | | | | | | | 2.1 | 4.3 |
| WSW | .8 | .8 | .5 | | | | | | | | 2.2 | 4.7 |
| W | 2.3 | 1.0 | .4 | | | | | | | | 3.6 | 3.3 |
| WNW | 1.2 | .2 | | | | | | | | | 1.5 | 2.7 |
| NW | 1.1 | .4 | | | | | | | | | 1.5 | 2.9 |
| NNW | .7 | 1.1 | .2 | | | | | | | | 2.1 | 4.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 19.8 | //// |
| TOTALS | 33.8 | 31.4 | 13.8 | 1.1 | .1 | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS: 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.1 | 1.8 | 1.6 | .2 | | | | | | | | 5.7 | 4.9 |
| NNE | .4 | 1.0 | 1.0 | | | | | | | | | 2.3 | 5.8 |
| NE | 1.2 | 1.7 | .8 | .1 | | | | | | | | 3.9 | 5.0 |
| ENE | 1.1 | 1.5 | .8 | | | | | | | | | 3.4 | 4.8 |
| E | 2.2 | 2.9 | 1.1 | | | | | | | | | 6.2 | 4.5 |
| ESE | 1.6 | 3.1 | 1.7 | | | | | | | | | 6.4 | 5.2 |
| SE | 1.2 | 3.7 | 3.1 | .6 | | | | | | | | 8.7 | 6.5 |
| SSE | 2.3 | 3.5 | 5.3 | .8 | .2 | | | | | | | 12.2 | 6.7 |
| S | 2.1 | 6.7 | 8.7 | 2.5 | | | | | | | | 20.0 | 7.1 |
| SSW | 1.3 | 3.3 | 2.9 | | | | | | | | | 7.5 | 5.9 |
| SW | 1.2 | 1.7 | .6 | | | | | | | | | 3.5 | 4.6 |
| WSW | 1.5 | 1.6 | .2 | | | | | | | | | 3.3 | 4.0 |
| W | 1.5 | 1.8 | .5 | .4 | | | | | | | | 4.1 | 4.9 |
| WNW | .6 | 1.2 | .6 | .1 | | | | | | | | 2.5 | 5.4 |
| NW | 1.0 | 1.9 | 1.1 | .2 | | | | | | | | 4.2 | 5.7 |
| NNW | .7 | 1.3 | .6 | .1 | | | | | | | | 2.8 | 5.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 3.4 | //// |
| TOTALS | 21.8 | 38.7 | 30.7 | 5.2 | .2 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | GE 56 | TOTAL | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | | | |
| N | 1.9 | 3.2 | 1.2 | .6 | | | | | | | | 6.9 | 5.5 |
| NNE | 2.1 | 1.7 | 1.2 | .2 | | | | | | | | 5.3 | 4.9 |
| NE | 1.0 | 2.0 | .7 | | | | | | | | | 3.7 | 4.9 |
| ENE | 1.4 | 1.2 | .9 | | | | | | | | | 3.5 | 4.5 |
| E | 2.2 | 3.2 | .4 | | | | | | | | | 5.8 | 4.0 |
| ESE | 1.4 | 2.2 | 1.0 | .1 | | | | | | | | 4.7 | 5.2 |
| SE | .6 | 2.3 | 2.3 | .4 | | | | | | | | 5.7 | 6.7 |
| SSE | 1.2 | 4.2 | 5.4 | 1.5 | .5 | | | | | | | 12.9 | 7.6 |
| S | 2.3 | 6.3 | 9.0 | 3.3 | | | | | | | | 21.0 | 7.5 |
| SSW | 1.4 | 2.1 | 3.5 | .4 | | | | | | | | 7.3 | 6.3 |
| SW | .9 | 1.2 | .7 | .1 | | | | | | | | 3.0 | 5.4 |
| WSW | 1.5 | 1.0 | .6 | .1 | | | | | | | | 3.2 | 4.6 |
| W | 1.5 | 1.4 | .7 | | | | | | | | | 3.6 | 4.6 |
| WNW | .2 | 2.0 | 1.0 | .1 | | | | | | | | 3.3 | 6.1 |
| NW | .7 | 1.5 | 1.1 | .5 | | | | | | | | 3.8 | 6.5 |
| NNW | 1.1 | 1.9 | 1.1 | .4 | | | | | | | | 4.4 | 5.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 1.9 | //// |
| TOTALS | 21.4 | 37.5 | 31.0 | 7.6 | .5 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS: 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL Σ | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.8 | 3.0 | 1.5 | .2 | | | | | | | 7.5 | 5.0 |
| NNE | 2.3 | 2.0 | 1.0 | .1 | | | | | | | 5.4 | 4.6 |
| NE | 1.6 | 1.8 | .5 | | | | | | | | 3.9 | 4.5 |
| ENE | 1.4 | 1.7 | .2 | | | | | | | | 3.3 | 3.9 |
| E | 2.7 | 2.6 | 1.1 | | | | | | | | 6.4 | 4.4 |
| ESE | 1.6 | 2.8 | 1.5 | .1 | | | | | | | 6.0 | 5.0 |
| SE | .4 | 2.2 | 1.7 | | | | | | | | 4.3 | 6.1 |
| SSE | 1.2 | 2.8 | 4.9 | 1.5 | .1 | | | | | | 10.6 | 7.7 |
| S | 2.2 | 8.9 | 10.5 | 3.0 | | | | | | | 24.5 | 7.1 |
| SSW | .7 | 3.1 | 2.6 | .4 | | | | | | | 6.8 | 6.6 |
| SW | .6 | 1.4 | .6 | .1 | | | | | | | 2.7 | 5.5 |
| WSW | .5 | .5 | .1 | | | | | | | | 1.1 | 3.9 |
| W | .9 | 1.2 | .7 | | | | | | | | 2.8 | 5.0 |
| WNW | .6 | .6 | .7 | .1 | | | | | | | 2.1 | 6.1 |
| NW | 1.0 | 1.4 | 1.0 | .2 | | | | | | | 3.6 | 5.9 |
| NNW | 1.6 | 1.8 | 2.1 | .5 | | | | | | | 6.0 | 6.2 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 3.0 | //// |
| TOTALS | 22.1 | 37.8 | 30.8 | 6.3 | .1 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS (LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.5 | 1.6 | .7 | | | | | | | | 4.8 | 3.8 |
| NNE | 2.2 | 1.6 | .4 | | | | | | | | 4.2 | 3.5 |
| NE | 3.0 | 1.1 | .4 | | | | | | | | 4.5 | 3.2 |
| ENE | 1.6 | .2 | .5 | | | | | | | | 2.4 | 3.6 |
| E | 5.1 | 2.1 | .1 | .1 | | | | | | | 7.4 | 2.9 |
| ESE | 2.0 | 1.4 | .4 | | | | | | | | 3.7 | 3.8 |
| SE | 1.6 | 2.9 | .7 | | | | | | | | 5.2 | 4.4 |
| SSE | 3.2 | 3.8 | 2.1 | .4 | | | | | | | 9.6 | 5.0 |
| S | 6.5 | 12.0 | 7.2 | .6 | | | | | | | 26.3 | 5.3 |
| SSW | 1.9 | 1.7 | .7 | | | | | | | | 4.3 | 4.1 |
| SW | .6 | .4 | | | | | | | | | 1.0 | 3.3 |
| WSW | | .2 | | | | | | | | | .2 | 5.0 |
| W | .7 | .2 | .2 | | | | | | | | 1.2 | 4.0 |
| WNW | .9 | .2 | | | | | | | | | 1.1 | 2.8 |
| NW | .4 | .6 | .1 | | | | | | | | 1.1 | 4.8 |
| NNW | 1.7 | 1.2 | 1.1 | .1 | | | | | | | 4.2 | 5.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 18.6 | //// |
| TOTALS | 33.9 | 31.5 | 14.8 | 1.2 | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS: 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 79-86
MONTH: MAY HOURS(IST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | GE 56 | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | | | |
| N | 2.7 | 1.4 | .4 | | | | | | | | | 4.4 | 3.7 |
| NNE | 3.2 | 1.4 | .2 | | | | | | | | | 4.8 | 3.2 |
| NE | 1.6 | 1.1 | .2 | | | | | | | | | 2.8 | 3.5 |
| ENE | 2.0 | .5 | | .2 | | | | | | | | 2.7 | 3.3 |
| E | 1.8 | | | | | | | | | | | 1.8 | 1.8 |
| ESE | 2.0 | .7 | .2 | .2 | | | | | | | | 3.0 | 3.8 |
| SE | 1.1 | 2.5 | 1.6 | | | | | | | | | 5.2 | 5.5 |
| SSE | 5.2 | 2.7 | 1.2 | | | | | | | | | 9.1 | 3.8 |
| S | 8.9 | 10.1 | 5.2 | | | | | | | | | 24.2 | 4.5 |
| SSW | 2.8 | 1.1 | .9 | | | | | | | | | 4.8 | 4.0 |
| SW | 2.0 | .2 | | | | | | | | | | 2.1 | 2.3 |
| WSW | .4 | .2 | | | | | | | | | | .5 | 3.3 |
| W | .2 | | | | | | | | | | | .2 | 2.0 |
| WNW | .9 | .2 | .2 | | | | | | | | | 1.2 | 3.7 |
| NW | .7 | .4 | | | | | | | | | | 1.1 | 2.7 |
| NNW | .9 | .7 | .4 | | | | | | | | | 2.0 | 4.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 30.1 | //// |
| TOTALS | 36.1 | 23.1 | 10.3 | .4 | | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS: 562

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.4 | 2.1 | 1.0 | .2 | | | | | | | 5.6 | 4.6 |
| NNE | 1.9 | 1.7 | .7 | .1 | | | | | | | 4.4 | 4.3 |
| NE | 1.8 | 1.5 | .4 | .0 | | | | | | | 3.8 | 4.0 |
| ENE | 1.8 | 1.1 | .5 | .0 | | | | | | | 3.5 | 3.8 |
| E | 2.8 | 2.1 | .4 | .0 | | | | | | | 5.4 | 3.6 |
| ESE | 2.0 | 1.8 | .7 | .1 | | | | | | | 4.6 | 4.4 |
| SE | 1.6 | 2.9 | 1.8 | .2 | .0 | | | | | | 6.6 | 5.5 |
| SSE | 2.7 | 3.5 | 3.2 | .7 | .1 | | | | | | 10.2 | 6.0 |
| S | 4.2 | 7.6 | 6.5 | 1.4 | | | | | | | 19.6 | 6.0 |
| SSW | 1.6 | 1.7 | 1.7 | .1 | | | | | | | 5.1 | 5.4 |
| SW | 1.1 | .9 | .4 | .0 | | | | | | | 2.4 | 4.2 |
| WSW | .9 | .7 | .2 | .0 | | | | | | | 1.8 | 4.0 |
| W | 1.1 | .7 | .4 | .1 | | | | | | | 2.4 | 4.2 |
| WNW | .7 | .7 | .3 | .1 | | | | | | | 1.8 | 4.7 |
| NW | .8 | .9 | .5 | .2 | | | | | | | 2.3 | 5.4 |
| NNW | 1.1 | 1.7 | .9 | .2 | .0 | | | | | | 3.4 | 5.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 17.1 | //// |
| TOTALS | 28.7 | 31.3 | 19.6 | 3.2 | .2 | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS: 5827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: JUN HOURS(1ST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.2 | 1.5 | | | | | | | | | 3.7 | 3.0 |
| NNE | 1.3 | | | | | | | | | | 1.3 | 1.9 |
| NE | 1.5 | .2 | | | | | | | | | 1.7 | 2.8 |
| ENE | 1.7 | | | | | | | | | | 1.7 | 1.9 |
| E | 2.2 | .9 | | | | | | | | | 3.1 | 2.6 |
| ESE | 2.4 | .7 | .2 | | | | | | | | 3.3 | 2.9 |
| SE | 3.9 | 2.0 | .6 | .2 | | | | | | | 6.7 | 3.4 |
| SSE | 3.7 | 2.0 | .9 | | | | | | | | 6.7 | 3.5 |
| S | 9.8 | 3.9 | .7 | | | | | | | | 14.4 | 2.9 |
| SSW | 2.4 | 1.9 | | | | | | | | | 4.3 | 3.3 |
| SW | 2.8 | .7 | .4 | | | | | | | | 3.9 | 3.2 |
| WSW | 2.8 | .2 | | | | | | | | | 3.0 | 1.9 |
| W | .7 | | | | | | | | | | .7 | 2.3 |
| WNW | .2 | .7 | | | | | | | | | .4 | 3.5 |
| NW | .2 | | | | | | | | | | .7 | 2.0 |
| NNW | | .2 | | | | | | | | | .2 | 4.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 44.8 | //// |
| TOTALS | 37.8 | 14.4 | 2.8 | .2 | | | | | | | 100.0 | 1.6 |

TOTAL NUMBER OF OBSERVATIONS: 540

GLOEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: JUN HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.8 | .8 | .5 | | | | | | | | | 3.1 | 3.4 |
| NNE | 2.3 | 1.0 | .2 | | | | | | | | | 3.5 | 3.4 |
| NE | 1.2 | .5 | | | | | | | | | | 1.7 | 2.8 |
| ENE | .8 | .3 | | | | | | | | | | 1.2 | 2.7 |
| E | 3.1 | .2 | | | | | | | | | | 3.3 | 2.1 |
| ESE | 2.2 | .3 | .2 | .2 | | | | | | | | 2.8 | 3.0 |
| SE | 3.1 | 2.2 | | | | | | | | | | 5.3 | 2.9 |
| SSE | 3.5 | 2.5 | 1.5 | .2 | | | | | | | | 7.6 | 4.1 |
| S | 5.0 | 4.6 | 1.3 | | | | | | | | | 10.9 | 3.8 |
| SSW | .7 | 2.0 | .2 | | | | | | | | | 2.8 | 4.2 |
| SW | 2.0 | .3 | | | | | | | | | | 2.3 | 2.1 |
| WSW | 1.5 | .5 | | | | | | | | | | 2.0 | 3.1 |
| W | 1.8 | | | | | | | | | | | 1.8 | 1.5 |
| WNW | 1.0 | .2 | | | | | | | | | | 1.2 | 2.4 |
| NW | .7 | .2 | | | | | | | | | | .8 | 3.0 |
| NNW | .8 | .2 | | | | | | | | | | 1.0 | 2.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 48.7 | //// |
| TOTALS | 31.5 | 15.7 | 3.8 | .2 | | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS: 604

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.6 | 1.3 | .2 | .1 | | | | | | | 3.3 | 4.0 |
| NNE | 1.3 | 1.8 | .2 | .1 | | | | | | | 3.6 | 4.3 |
| NE | 2.7 | .7 | .2 | | | | | | | | 3.7 | 3.2 |
| ENE | 2.5 | 1.0 | | | | | | | | | 3.4 | 2.8 |
| E | 3.3 | 2.5 | .1 | .1 | | | | | | | 6.0 | 3.4 |
| ESE | 2.6 | 1.5 | .1 | .1 | | | | | | | 4.3 | 3.3 |
| SE | 4.0 | 2.8 | .7 | | | | | | | | 7.6 | 3.7 |
| SSE | 3.4 | 2.3 | 2.1 | | | | | | | | 7.9 | 4.5 |
| S | 3.3 | 4.5 | 1.1 | | | | | | | | 9.0 | 4.2 |
| SSW | 2.9 | 2.3 | 1.3 | .1 | | | | | | | 6.7 | 4.5 |
| SW | 2.5 | 1.0 | .4 | | | | | | | | 3.9 | 3.3 |
| WSW | 2.9 | 1.2 | .2 | | | | | | | | 4.4 | 3.1 |
| W | 3.4 | 2.0 | .1 | | | | | | | | 5.5 | 3.2 |
| WNW | 1.6 | 1.0 | .2 | | | | | | | | 2.8 | 3.6 |
| NW | .2 | .5 | .1 | | | | | | | | .9 | 4.4 |
| NNW | .7 | .6 | .1 | | | | | | | | 1.5 | 3.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 25.6 | //// |
| TOTALS | 39.1 | 27.1 | 7.5 | .6 | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.5 | 1.0 | .2 | .1 | | | | | | | | 3.8 | 3.4 |
| NNE | 2.7 | .9 | .1 | | | | | | | | | 3.7 | 3.2 |
| NE | 1.6 | 1.4 | .5 | .1 | | | | | | | | 3.6 | 4.3 |
| ENE | 1.7 | 1.1 | .4 | | | | | | | | | 3.2 | 3.6 |
| E | 3.2 | 3.6 | .2 | | | | | | | | | 7.0 | 3.6 |
| ESE | 1.6 | 2.5 | .6 | .2 | | | | | | | | 4.9 | 4.9 |
| SE | 1.1 | 2.5 | 1.2 | | | | | | | | | 4.8 | 5.2 |
| SSE | 2.3 | 2.6 | 2.2 | .2 | | | | | | | | 7.4 | 5.4 |
| S | 3.1 | 8.0 | 4.5 | .5 | | | | | | | | 16.1 | 5.6 |
| SSW | 2.0 | 3.8 | 3.1 | .4 | | | | | | | | 9.2 | 5.8 |
| SW | 2.2 | 3.1 | 2.0 | .1 | | | | | | | | 7.4 | 5.2 |
| WSW | 2.9 | 3.8 | 1.1 | .1 | | | | | | | | 8.0 | 4.5 |
| W | 2.6 | 2.5 | .7 | | | | | | | | | 5.8 | 3.8 |
| WNW | 1.5 | .4 | .4 | | | | | | | | | 2.2 | 3.3 |
| NW | 1.5 | .9 | .9 | .1 | .1 | | | | | | | 3.4 | 5.2 |
| NNW | 1.8 | .6 | .4 | | | | | | | | | 2.8 | 3.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 6.8 | //// |
| TOTALS | 34.3 | 38.3 | 18.6 | 2.0 | .1 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS (LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.6 | 2.9 | 1.3 | | | | | | | | 5.8 | 5.0 |
| NNE | 1.1 | 1.1 | .3 | | | | | | | | 2.5 | 4.1 |
| NE | 1.3 | 1.0 | .3 | | | | | | | | 2.5 | 3.8 |
| ENE | 1.5 | 1.1 | .3 | | | | | | | | 2.9 | 3.7 |
| E | 2.3 | 2.9 | .5 | | | | | | | | 5.7 | 3.9 |
| ESE | 1.1 | 2.4 | .6 | .1 | | | | | | | 4.3 | 4.9 |
| SE | 2.3 | 2.9 | 1.6 | | .1 | | | | | | 6.9 | 4.8 |
| SSE | 2.5 | 3.4 | 1.4 | .4 | | | | | | | 7.7 | 5.1 |
| S | 4.2 | 6.0 | 6.5 | 1.0 | .1 | | | | | | 17.9 | 6.2 |
| SSW | 1.9 | 3.9 | 2.4 | .6 | | | | | | | 8.8 | 5.7 |
| SW | 2.8 | 4.5 | 2.0 | .4 | | | | | | | 9.7 | 5.1 |
| WSW | 2.4 | 1.9 | 1.0 | | | | | | | | 5.3 | 4.2 |
| W | 2.6 | 2.1 | .3 | .1 | | | | | | | 5.2 | 3.8 |
| WNW | 1.6 | 1.4 | | | | | | | | | 3.0 | 3.3 |
| NW | 1.3 | .5 | .1 | | | | | | | | 1.9 | 3.1 |
| NNW | 1.8 | 1.1 | .6 | | | | | | | | 3.5 | 4.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 6.5 | //// |
| TOTALS | 32.2 | 39.2 | 19.1 | 2.6 | .3 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.9 | 2.5 | .3 | | | | | | | | 5.7 | 3.7 |
| NNE | 1.3 | 1.4 | 1.1 | | | | | | | | 3.8 | 5.1 |
| NE | 2.0 | 1.3 | .3 | | | | | | | | 3.5 | 3.7 |
| ENE | 1.1 | .8 | .4 | | | | | | | | 2.3 | 3.9 |
| E | 2.3 | 2.9 | .9 | | | | | | | | 6.0 | 4.3 |
| ESE | 2.3 | 2.8 | .4 | .1 | | | | | | | 5.5 | 4.3 |
| SE | 1.9 | 3.3 | 1.8 | .1 | | | | | | | 7.0 | 5.2 |
| SSE | 2.4 | 4.9 | 2.5 | .3 | .1 | | | | | | 10.2 | 5.4 |
| S | 4.2 | 8.7 | 5.7 | 1.6 | | | | | | | 20.1 | 6.0 |
| SSW | 1.6 | 4.9 | 2.6 | 1.0 | | | | | | | 10.2 | 6.0 |
| SW | 2.4 | 2.1 | 1.8 | .4 | | | | | | | 6.7 | 5.3 |
| WSW | 2.6 | 1.0 | .1 | | | | | | | | 3.8 | 3.0 |
| W | 1.9 | 1.0 | .3 | | | | | | | | 3.1 | 3.7 |
| WNW | .9 | .5 | .4 | | | | | | | | 1.8 | 4.2 |
| NW | .8 | .5 | .4 | | .1 | | | | | | 1.8 | 5.5 |
| NNW | 1.6 | .3 | .3 | | | | | | | | 2.6 | 3.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 5.9 | //// |
| TOTALS | 32.1 | 39.2 | 19.0 | 3.6 | .3 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.8 | 1.5 | .1 | | | | | | | | 3.4 | 3.4 |
| NNE | 1.9 | 1.3 | | | | | | | | | 3.2 | 2.9 |
| NE | 2.2 | .8 | .3 | | | | | | | | 3.2 | 3.3 |
| ENE | 1.6 | .1 | | | | | | | | | 1.8 | 2.1 |
| E | 3.2 | .9 | .4 | | | | | | | | 4.4 | 3.2 |
| ESE | 3.7 | 1.4 | .4 | | | | | | | | 5.4 | 3.1 |
| SE | 2.3 | 2.2 | 1.3 | .1 | | | | | | | 5.8 | 4.6 |
| SSE | 4.8 | 4.1 | .6 | | | | | | | | 9.5 | 3.7 |
| S | 10.8 | 10.4 | 4.2 | .6 | | | | | | | 26.0 | 4.4 |
| SSW | 1.5 | 2.4 | 1.5 | .1 | | | | | | | 5.6 | 5.0 |
| SW | 2.7 | 1.0 | .6 | | | | | | | | 4.3 | 3.6 |
| WSW | 1.9 | | | | | | | | | | 1.9 | 2.2 |
| W | 1.3 | .4 | .1 | | | | | | | | 1.8 | 2.9 |
| WNW | .4 | .2 | .1 | | | | | | | | .8 | 3.5 |
| NW | .5 | .5 | .1 | | | | | | | | 1.1 | 3.8 |
| NNW | 1.3 | .5 | .1 | | | | | | | | 1.9 | 3.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 19.9 | //// |
| TOTALS | 41.7 | 27.6 | 9.9 | .9 | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS: 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: JUN HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.4 | .9 | | | | | | | | | | 3.3 | 2.2 |
| NNE | .4 | .4 | | | | | | | | | | .7 | 2.5 |
| NE | .9 | | | | | | | | | | | .9 | 1.6 |
| ENE | 1.3 | | | | | | | | | | | 1.3 | 1.9 |
| E | 3.0 | .7 | .2 | | | | | | | | | 3.9 | 2.7 |
| ESE | 3.1 | 1.3 | .4 | | | | | | | | | 4.8 | 3.2 |
| SE | 4.3 | 1.1 | .7 | | | | | | | | | 6.1 | 3.1 |
| SSE | 4.8 | 3.7 | .9 | | | | | | | | | 9.4 | 3.5 |
| S | 10.6 | 8.5 | .6 | | | | | | | | | 19.6 | 3.3 |
| SSW | 4.8 | 1.7 | | | | | | | | | | 6.5 | 2.8 |
| SW | 1.3 | 1.1 | | | | | | | | | | 2.4 | 3.1 |
| WSW | 1.1 | .2 | | | .2 | | | | | | | 1.5 | 3.4 |
| W | .4 | .2 | | | | | | | | | | .6 | 2.7 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | | .2 | | | | | | | | | | .2 | 6.0 |
| NNW | .6 | | | | | | | | | | | .6 | 2.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 38.0 | //// |
| TOTALS | 39.1 | 20.0 | 2.8 | .2 | | | | | | | | 100.0 | 1.9 |

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.1 | 1.6 | .4 | .0 | | | | | | | 4.1 | 3.7 |
| NNE | 1.6 | 1.1 | .3 | .0 | | | | | | | 2.9 | 3.7 |
| NE | 1.7 | .8 | .2 | .0 | | | | | | | 2.7 | 3.5 |
| ENE | 1.6 | .6 | .1 | | | | | | | | 2.3 | 3.1 |
| E | 2.9 | 2.0 | .3 | .0 | | | | | | | 5.1 | 3.5 |
| ESE | 2.3 | 1.7 | .4 | .1 | | | | | | | 4.5 | 3.8 |
| SE | 2.7 | 2.4 | 1.1 | .1 | .0 | | | | | | 6.3 | 4.2 |
| SSE | 3.4 | 3.2 | 1.6 | .1 | .0 | | | | | | 8.3 | 4.5 |
| S | 6.0 | 7.0 | 3.4 | .5 | .0 | | | | | | 16.9 | 4.8 |
| SSW | 2.2 | 3.0 | 1.6 | .3 | | | | | | | 7.0 | 4.1 |
| SW | 2.4 | 1.9 | 1.0 | .1 | | | | | | | 5.3 | 4.4 |
| WSW | 2.3 | 1.7 | .4 | .0 | | | | | | | 3.9 | 3.6 |
| W | 2.0 | 1.1 | .2 | .0 | | | | | | | 3.3 | 3.4 |
| WNW | 1.0 | .5 | .2 | | | | | | | | 1.7 | 3.4 |
| NW | .7 | .4 | .2 | .0 | .0 | | | | | | 1.4 | 4.5 |
| NNW | 1.2 | .5 | .2 | | | | | | | | 1.9 | 3.6 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 22.2 | //// |
| TOTALS | 35.9 | 29.1 | 11.3 | 1.4 | .1 | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS: 5692

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: JUL HOURS(1ST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.2 | | | | | | | | | | | 1.2 | 2.1 |
| NNE | .9 | .4 | .4 | | | | | | | | | 1.6 | 4.0 |
| NE | .2 | | .2 | | | | | | | | | .4 | 4.5 |
| ENE | 1.2 | | | | | | | | | | | 1.2 | 2.1 |
| E | 1.2 | .2 | .2 | | | | | | | | | 1.6 | 2.6 |
| ESE | 1.6 | .2 | | | | | | | | | | 1.8 | 2.3 |
| SE | 2.3 | .2 | | | | | | | | | | 2.5 | 2.1 |
| SSE | 2.8 | 1.2 | | | | | | | | | | 4.0 | 3.0 |
| S | 8.1 | 1.4 | | | | | | | | | | 9.5 | 2.3 |
| SSW | 5.3 | .9 | | | | | | | | | | 6.2 | 2.0 |
| SW | 8.3 | .4 | | | | | | | | | | 8.6 | 2.2 |
| WSW | 6.0 | 1.2 | | | | | | | | | | 7.2 | 2.6 |
| W | 2.1 | | | | | | | | | | | 2.1 | 2.2 |
| WNW | 1.1 | .2 | | | | | | | | | | 1.2 | 2.3 |
| NW | .2 | .2 | | | | | | | | | | .4 | 3.5 |
| NNW | .4 | | | | | | | | | | | .4 | 1.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 50.2 | //// |
| TOTALS | 42.8 | 6.3 | .7 | | | | | | | | | 100.0 | 1.2 |

TOTAL NUMBER OF OBSERVATIONS: 568

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: JUL HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.4 | .5 | | | | | | | | | 1.9 | 2.8 |
| NNE | 2.2 | 1.6 | .3 | | | | | | | | 4.1 | 3.5 |
| NE | .5 | .2 | | | | | | | | | .6 | 2.5 |
| ENE | .8 | .2 | | | | | | | | | .9 | 3.0 |
| E | 2.1 | | .2 | | | | | | | | 2.2 | 2.4 |
| ESE | .8 | | | | | | | | | | .8 | 2.0 |
| SE | 1.1 | .6 | | .2 | | | | | | | 1.9 | 3.8 |
| SSE | 2.5 | .3 | | .3 | | | | | | | 3.2 | 3.2 |
| S | 3.5 | .2 | | | | | | | | | 3.6 | 2.0 |
| SSW | 2.7 | | | | | | | | | | 2.7 | 1.9 |
| SW | 4.1 | .5 | | | | | | | | | 4.6 | 1.9 |
| WSW | 6.6 | 1.4 | | | | | | | | | 8.1 | 2.5 |
| W | 5.7 | .5 | | | | | | | | | 6.2 | 2.0 |
| WNW | .9 | .3 | | | | | | | | | 1.3 | 2.4 |
| NW | .5 | .2 | | | | | | | | | .6 | 3.0 |
| NNW | .5 | | | | | | | | | | .5 | 2.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 56.8 | //// |
| TOTALS | 35.9 | 6.3 | .5 | .5 | | | | | | | 100.0 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS: 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.7 | .7 | | | | | | | | | 2.4 | 2.8 |
| NNE | 2.2 | 1.6 | .5 | | | | | | | | 4.2 | 3.7 |
| NE | 1.8 | 1.2 | .1 | | | | | | | | 3.2 | 3.4 |
| ENE | 1.1 | .1 | | | | | | | | | 1.2 | 2.2 |
| E | 3.3 | 1.2 | .2 | | | | | | | | 4.7 | 2.7 |
| ESE | 1.3 | .6 | | | | | | | | | 1.9 | 2.5 |
| SE | 1.9 | .2 | .1 | | | | | | | | 2.3 | 2.8 |
| SSE | 2.9 | .7 | .5 | .4 | | | | | | | 4.5 | 4.0 |
| S | 2.2 | 1.2 | .2 | .1 | .1 | | | | | | 3.9 | 4.3 |
| SSW | 2.4 | 1.5 | .1 | .1 | | | | | | | 4.1 | 3.4 |
| SW | 2.7 | 1.0 | | | | | | | | | 3.6 | 2.5 |
| WSW | 2.7 | 2.8 | .1 | | | | | | | | 5.6 | 3.4 |
| W | 9.1 | 4.9 | .2 | | | | | | | | 14.2 | 3.1 |
| WNW | 4.1 | 2.1 | .4 | | | | | | | | 6.6 | 3.3 |
| NW | 1.3 | .7 | | | | | | | | | 2.1 | 3.4 |
| NNW | 1.9 | 1.0 | | | | | | | | | 2.9 | 2.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 32.5 | //// |
| TOTALS | 42.7 | 21.5 | 2.5 | .6 | .1 | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS: 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.1 | 1.9 | .1 | | | | | | | | 4.1 | 3.6 |
| NNE | 1.2 | 1.2 | .4 | | | | | | | | 2.8 | 4.1 |
| NE | 1.5 | 1.8 | .2 | | | | | | | | 3.5 | 3.8 |
| ENE | 1.7 | 1.5 | .4 | | | | | | | | 3.5 | 3.6 |
| E | 3.1 | 1.8 | .6 | | | | | | | | 5.6 | 3.6 |
| ESE | 1.7 | 1.7 | .5 | | | | | | | | 3.9 | 3.9 |
| SE | 1.9 | .4 | .1 | | | | | | | | 2.9 | 2.8 |
| SSE | 1.9 | .8 | .5 | .1 | | | | | | | 3.4 | 4.1 |
| S | 3.5 | 4.4 | 1.3 | | | | | | | | 9.2 | 4.4 |
| SSW | 2.4 | 2.7 | 1.2 | | | | | | | | 6.3 | 4.5 |
| SW | 2.2 | 2.7 | .7 | | | | | | | | 5.6 | 4.2 |
| WSW | 4.5 | 4.8 | .5 | | | | | | | | 9.8 | 3.9 |
| W | 5.4 | 8.2 | 1.2 | | | | | | | | 14.9 | 4.1 |
| WNW | 3.0 | 4.7 | 1.3 | | | | | | | | 9.1 | 4.4 |
| NW | 2.7 | 1.8 | .2 | | | | | | | | 4.7 | 3.7 |
| NNW | 2.7 | 2.2 | .1 | | | | | | | | 5.0 | 3.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 5.8 | //// |
| TOTALS | 41.5 | 43.1 | 9.4 | .1 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(1ST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.0 | 1.0 | .5 | | | | | | | | | 4.3 | 3.9 |
| NNE | 1.1 | 2.1 | .7 | | | | | | | | | 4.0 | 4.6 |
| NE | 2.5 | 2.0 | .1 | | | | | | | | | 4.6 | 3.5 |
| ENE | 1.5 | 2.3 | .5 | | | | | | | | | 4.3 | 4.3 |
| E | 3.3 | 2.3 | .5 | .2 | | | | | | | | 6.4 | 4.0 |
| ESE | 2.3 | 1.5 | .5 | | | .1 | | | | | | 4.4 | 4.4 |
| SE | 1.9 | 1.2 | .4 | | | | | | | | | 3.5 | 3.6 |
| SSE | 2.8 | 3.5 | .5 | | | | | | | | | 6.8 | 4.1 |
| S | 3.6 | 5.4 | 2.2 | .4 | | | | | | | | 11.6 | 4.9 |
| SSW | 4.1 | 4.4 | .7 | .1 | | | | | | | | 9.4 | 4.0 |
| SW | 4.2 | 4.1 | .2 | | | | | | | | | 8.5 | 3.6 |
| WSW | 3.6 | 3.6 | .2 | .2 | | | | | | | | 7.7 | 3.9 |
| W | 4.2 | 3.2 | .2 | | | | | | | | | 7.7 | 3.6 |
| WNW | 2.2 | 1.2 | .4 | | | | | | | | | 3.8 | 3.5 |
| NW | .7 | 1.0 | .4 | .1 | | | | | | | | 2.2 | 4.7 |
| NNW | 3.1 | .7 | .1 | .2 | | | | | | | | 4.2 | 3.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 6.6 | //// |
| TOTALS | 43.1 | 40.5 | 8.3 | 1.4 | | .1 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS: 409

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LSY): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.1 | 1.2 | .2 | .1 | | | | | | | | 2.7 | 4.4 |
| NNE | 1.0 | 1.6 | .6 | .1 | | | | | | | | 3.3 | 4.9 |
| NE | 1.2 | 1.4 | 1.4 | | | | | | | | | 3.9 | 5.1 |
| ENE | 1.8 | 1.5 | .2 | .1 | | | | | | | | 3.7 | 3.8 |
| E | 4.4 | 3.8 | 1.2 | | | | | | | | | 9.5 | 4.0 |
| ESE | 2.3 | 2.6 | 1.1 | .2 | | | | | | | | 6.3 | 4.9 |
| SE | 2.5 | 1.8 | .7 | .2 | | | | | | | | 5.3 | 4.6 |
| SSE | 2.8 | 2.6 | 1.2 | .7 | | .1 | | | | | | 7.0 | 5.1 |
| S | 7.1 | 7.6 | 3.6 | | | | | | | | | 18.3 | 4.5 |
| SSW | 4.3 | 4.4 | .7 | .1 | | | | | | | | 10.0 | 4.1 |
| SW | 3.7 | 3.1 | .6 | | | | | | | | | 7.4 | 3.8 |
| WSW | 3.6 | 1.6 | | | | | | | | | | 5.2 | 2.7 |
| W | 3.8 | 1.6 | .2 | | | | | | | | | 5.7 | 3.2 |
| WNW | 1.2 | .6 | .2 | | | | | | | | | 2.1 | 3.5 |
| NW | .7 | .7 | .1 | .1 | | | | | | | | 1.7 | 4.1 |
| NNW | .9 | .6 | .1 | | | | | | | | | 1.6 | 3.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 6.3 | //// |
| TOTALS | 42.6 | 37.2 | 12.4 | 1.4 | | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS: 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.6 | .4 | .1 | .1 | | | | | | | 2.2 | 3.2 |
| NNE | 1.4 | .4 | .4 | | | | | | | | 2.1 | 4.2 |
| NE | 1.2 | .9 | .1 | | | | | | | | 2.2 | 3.3 |
| ENE | 1.6 | .5 | | .1 | | | | | | | 2.2 | 2.9 |
| E | 3.6 | 1.7 | 1.0 | | | | | | | | 6.3 | 3.7 |
| ESE | 3.0 | 1.9 | .2 | | | | | | | | 5.1 | 3.2 |
| SE | 3.6 | 1.5 | .4 | | | | | | | | 5.5 | 3.4 |
| SSE | 5.3 | 3.6 | 1.1 | .2 | | | | | | | 10.3 | 3.8 |
| S | 12.0 | 7.4 | 1.4 | | | | | | | | 20.8 | 3.4 |
| SSW | 4.5 | 1.9 | .2 | | | | | | | | 6.6 | 3.1 |
| SW | 3.1 | 2.0 | .4 | | | | | | | | 5.5 | 3.3 |
| WSW | 2.5 | .2 | | | | | | | | | 2.7 | 2.2 |
| W | 1.5 | .2 | | | | | | | | | 1.7 | 2.3 |
| WNW | .6 | .2 | | | | | | | | | .9 | 2.3 |
| NW | .4 | .2 | | | | | | | | | .5 | 3.0 |
| NNW | .6 | .4 | .1 | | | | | | | | 1.1 | 3.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 24.3 | //// |
| TOTALS | 46.5 | 23.3 | 5.5 | .5 | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 7A,80-86
MONTH: JUL HOURS: 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.5 | .2 | | | | | | | | | 2.6 | 1.9 |
| NNE | .7 | .6 | .2 | | | | | | | | 1.7 | 4.0 |
| NE | 1.2 | .3 | | | | | | | | | 1.5 | 2.3 |
| ENE | 1.3 | .2 | | | | | | | | | 1.5 | 2.2 |
| E | 3.3 | .2 | | | | | | | | | 3.5 | 1.8 |
| ESE | 2.0 | .3 | | .2 | | | | | | | 2.5 | 3.1 |
| SE | 3.5 | .7 | | | | | | | | | 4.1 | 2.8 |
| SSE | 5.5 | 1.9 | .3 | | | | | | | | 7.6 | 2.8 |
| S | 10.8 | 2.6 | .2 | | | | | | | | 13.6 | 2.5 |
| SSW | 8.1 | 2.5 | | | | | | | | | 10.6 | 2.6 |
| SW | 3.3 | .5 | .2 | | | | | | | | 4.2 | 2.5 |
| WSW | 1.2 | .2 | | | | | | | | | 1.3 | 2.3 |
| W | .7 | | | | | | | | | | .7 | 2.3 |
| WNW | .3 | | | | | | | | | | .3 | 2.5 |
| NW | | .2 | | | | | | | | | .2 | 4.0 |
| NNW | .2 | | | | | | | | | | .2 | 2.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 44.2 | //// |
| TOTALS | 44.4 | 10.4 | .8 | .2 | | | | | | | 100.0 | 1.4 |

TOTAL NUMBER OF OBSERVATIONS: 604

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.7 | .9 | .1 | .0 | | | | | | | 2.8 | 3.4 |
| NNE | 1.3 | 1.2 | .4 | .0 | | | | | | | 3.0 | 4.1 |
| NE | 1.3 | 1.1 | .3 | | | | | | | | 2.7 | 3.8 |
| ENE | 1.4 | .9 | .2 | .0 | | | | | | | 2.4 | 3.5 |
| E | 3.1 | 1.5 | .5 | .0 | | | | | | | 5.3 | 3.5 |
| ESE | 1.9 | 1.2 | .3 | .1 | | .0 | | | | | 3.5 | 3.8 |
| SE | 2.3 | .9 | .2 | .1 | | | | | | | 3.6 | 3.4 |
| SSE | 3.3 | 1.9 | .6 | .2 | | .0 | | | | | 5.9 | 3.9 |
| S | 6.2 | 4.0 | 1.2 | .1 | .0 | | | | | | 11.5 | 3.8 |
| SSW | 4.1 | 2.4 | .4 | .1 | | | | | | | 7.0 | 3.5 |
| SW | 3.8 | 1.9 | .3 | | | | | | | | 6.0 | 3.2 |
| WSW | 3.7 | 2.1 | .1 | .0 | | | | | | | 6.0 | 3.2 |
| W | 4.2 | 2.6 | .3 | | | | | | | | 7.1 | 3.3 |
| WNW | 1.8 | 1.3 | .3 | | | | | | | | 3.4 | 3.6 |
| NW | .9 | .7 | .1 | .0 | | | | | | | 1.7 | 3.8 |
| NNW | 1.4 | .7 | .1 | .0 | | | | | | | 2.2 | 3.3 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 26.0 | //// |
| TOTALS | 42.6 | 25.3 | 5.5 | .6 | .0 | .0 | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS: 5882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: AUG HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.7 | .2 | .2 | | | | | | | | | 2.0 | 2.6 |
| NNE | 3.2 | .5 | .2 | | | | | | | | | 3.9 | 2.8 |
| NE | 1.5 | .5 | .2 | | | | | | | | | 2.2 | 2.8 |
| ENE | 2.2 | .3 | | | | | | | | | | 2.5 | 2.3 |
| E | 1.8 | .2 | | | | | | | | | | 2.0 | 2.0 |
| ESE | 2.2 | 1.0 | .2 | | | | | | | | | 3.4 | 3.0 |
| SE | 3.7 | .5 | .2 | | | | | | | | | 4.4 | 2.4 |
| SSE | 3.0 | 1.0 | .2 | | | | | | | | | 4.2 | 2.7 |
| S | 7.0 | .3 | | | | | | | | | | 7.4 | 2.0 |
| SSW | 4.4 | 1.0 | | | | | | | | | | 5.4 | 2.6 |
| SW | 5.0 | .8 | | | | | | | | | | 5.9 | 2.3 |
| WSW | 4.5 | .2 | | | | | | | | | | 4.7 | 2.1 |
| W | 2.3 | .5 | .2 | | | | | | | | | 3.0 | 2.8 |
| WNW | .7 | | | | | | | | | | | .7 | 2.0 |
| NW | .2 | | | | | | | | | | | .2 | 2.0 |
| NNW | .3 | | | | | | | | | | | .3 | 1.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 48.1 | //// |
| TOTALS | 43.7 | 7.0 | 1.2 | | | | | | | | | 100.0 | 1.3 |

TOTAL NUMBER OF OBSERVATIONS: 597

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: AUG HOURS (LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.6 | .6 | | | | | | | | | 3.2 | 2.7 |
| NNE | 2.4 | | .2 | | | | | | | | 2.6 | 2.4 |
| NE | 2.6 | .2 | | | | | | | | | 2.7 | 2.1 |
| ENE | 1.4 | .5 | | | | | | | | | 1.9 | 2.6 |
| E | 2.9 | .5 | .2 | | | | | | | | 3.5 | 2.7 |
| ESE | 1.4 | 1.2 | | | | | | | | | 2.6 | 3.0 |
| SE | 1.7 | .9 | .2 | | | | | | | | 2.7 | 2.8 |
| SSE | 1.8 | .6 | | | | | | | | | 2.4 | 2.6 |
| S | 2.4 | .5 | | | | | | | | | 2.9 | 2.1 |
| SSW | 1.1 | .5 | .2 | | | | | | | | 1.7 | 3.4 |
| SW | 2.4 | .2 | | | | | | | | | 2.6 | 2.4 |
| WSW | 3.3 | .6 | | | | | | | | | 3.9 | 2.2 |
| W | 6.4 | .6 | .2 | | | | | | | | 7.1 | 2.2 |
| WNW | 2.0 | .2 | | | | | | | | | 2.1 | 2.1 |
| NW | 1.4 | .3 | | | | | | | | | 1.7 | 2.5 |
| NNW | .5 | .5 | | | | | | | | | .9 | 3.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 55.7 | //// |
| TOTALS | 36.0 | 7.6 | .8 | | | | | | | | 100.0 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS: 661

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.7 | 1.3 | .3 | | | | | | | | 5.3 | 2.9 |
| NNE | 2.3 | 1.0 | .2 | | | | | | | | 3.6 | 3.4 |
| NE | 2.3 | 1.2 | .2 | | | | | | | | 3.7 | 3.3 |
| ENE | 4.4 | 1.3 | | | | | | | | | 5.7 | 2.5 |
| E | 4.6 | 1.5 | .2 | | | | | | | | 6.4 | 2.9 |
| ESE | 3.5 | .8 | .3 | | | | | | | | 4.6 | 3.1 |
| SE | 2.7 | .8 | .2 | | | | | | | | 3.7 | 2.8 |
| SSE | 2.4 | .3 | | | | | | | | | 2.8 | 2.4 |
| S | 2.1 | 1.4 | .2 | | | | | | | | 3.7 | 3.3 |
| SSW | 1.0 | .5 | | | | | | | | | 1.5 | 2.9 |
| SW | 2.3 | .6 | .2 | .1 | | | | | | | 3.2 | 3.5 |
| WSW | 1.9 | 1.0 | | | | | | | | | 2.9 | 2.9 |
| W | 4.1 | 2.1 | .1 | | | | | | | | 6.2 | 3.0 |
| WNW | 2.4 | .8 | .6 | | | | | | | | 3.8 | 3.5 |
| NW | 1.7 | 1.6 | .7 | | | | | | | | 4.1 | 3.9 |
| NNW | 1.7 | .6 | .1 | | | | | | | | 2.4 | 3.2 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 36.3 | //// |
| TOTALS | 43.2 | 16.8 | 3.6 | .1 | | | | | | | 100.0 | 2.0 |

TOTAL NUMBER OF OBSERVATIONS: 864

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.0 | 2.3 | .5 | | | | | | | | | 5.8 | 3.6 |
| NNE | 2.0 | 1.7 | .5 | .1 | | | | | | | | 4.3 | 4.5 |
| NE | 2.8 | .5 | .3 | | | | | | | | | 3.6 | 3.2 |
| ENE | 2.7 | 1.3 | .1 | | | | | | | | | 4.1 | 3.1 |
| E | 4.1 | 3.9 | .5 | | | | | | | | | 8.5 | 3.6 |
| ESE | 2.9 | 2.4 | .5 | | | | | | | | | 5.8 | 3.8 |
| SE | 2.1 | 1.7 | .9 | .1 | | | | | | | | 4.9 | 4.4 |
| SSE | 2.1 | 2.0 | .8 | | | | | | | | | 4.9 | 4.3 |
| S | 2.8 | 3.6 | 1.2 | | | | | | | | | 7.5 | 4.3 |
| SSW | 1.3 | 2.2 | 1.0 | .1 | | | | | | | | 4.6 | 4.9 |
| SW | 1.3 | 1.9 | .5 | .1 | | | | | | | | 3.7 | 4.6 |
| WSW | 2.1 | 3.0 | 1.3 | .1 | | | | | | | | 6.5 | 4.8 |
| W | 3.7 | 5.0 | 1.3 | | | | | | | | | 10.0 | 4.2 |
| WNW | 2.4 | 2.7 | .5 | | | | | | | | | 5.6 | 4.0 |
| NW | 1.9 | 2.3 | .7 | | | | | | | | | 4.9 | 4.3 |
| NNW | 2.9 | 2.0 | .5 | | | | | | | | | 5.3 | 3.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 10.0 | //// |
| TOTALS | 40.0 | 38.6 | 17.9 | .6 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.6 | 2.9 | .2 | .1 | | | | | | | 6.9 | 3.6 |
| NNE | 2.1 | 3.3 | 1.1 | | | | | | | | 6.4 | 4.5 |
| NE | 2.7 | 2.9 | .1 | .1 | | | | | | | 5.8 | 3.9 |
| ENE | 1.8 | 2.1 | .4 | | | | | | | | 4.2 | 3.9 |
| E | 4.4 | 3.3 | .8 | | | | | | | | 8.5 | 3.8 |
| ESE | 2.2 | 2.6 | .9 | | | | | | | | 5.7 | 4.2 |
| SE | 1.2 | 2.1 | .7 | .1 | | | | | | | 4.1 | 4.8 |
| SSE | 2.0 | 2.2 | 1.2 | .2 | | | | | | | 5.6 | 4.9 |
| S | 4.6 | 5.6 | 2.8 | .5 | | | | | | | 13.4 | 4.8 |
| SSW | 2.2 | 2.8 | .9 | .1 | | | | | | | 6.1 | 4.5 |
| SW | 3.2 | 1.9 | .5 | | | | | | | | 5.5 | 3.7 |
| WSW | 2.5 | 2.0 | .4 | | | | | | | | 4.8 | 4.0 |
| W | 2.3 | 2.6 | .4 | .2 | | | | | | | 5.5 | 4.3 |
| WNW | 2.8 | 1.6 | .4 | | | | | | | | 4.8 | 3.6 |
| NW | 1.3 | 1.5 | .4 | | | | | | | | 3.2 | 4.3 |
| NNW | 1.8 | .9 | .1 | .1 | | | | | | | 2.9 | 3.7 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 6.5 | //// |
| TOTALS | 40.5 | 40.3 | 11.1 | 1.5 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS: 856

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.2 | 2.2 | .4 | .4 | .1 | | | | | | | 6.2 | 4.2 |
| NNE | 2.8 | 2.0 | .5 | | | | | | | | | 5.3 | 3.7 |
| NE | 3.4 | 1.1 | .5 | | | | | | | | | 4.9 | 3.3 |
| ENE | 3.3 | 2.2 | .6 | | | | | | | | | 6.1 | 3.7 |
| E | 4.9 | 2.7 | .4 | | | | | | | | | 8.0 | 3.4 |
| ESE | 2.7 | 2.7 | 1.3 | | | | | | | | | 6.7 | 4.3 |
| SE | 2.3 | 2.7 | .8 | .1 | | | | | | | | 6.0 | 4.4 |
| SSE | 1.8 | 3.7 | 1.6 | .2 | | | | | | | | 7.4 | 5.3 |
| S | 5.6 | 6.1 | 3.5 | .2 | | | | | | | | 15.4 | 4.7 |
| SSW | 2.1 | 3.3 | .7 | .1 | | | | | | | | 6.2 | 4.4 |
| SW | 2.6 | 2.3 | .5 | | | | | | | | | 5.4 | 3.9 |
| WSW | 3.0 | .9 | .2 | | | | | | | | | 4.2 | 3.3 |
| W | 2.2 | 1.4 | .2 | .1 | | | | | | | | 4.0 | 3.8 |
| WNW | .7 | .5 | .4 | .1 | | | | | | | | 1.6 | 4.8 |
| NW | .6 | .6 | .4 | | | | | | | | | 1.5 | 4.8 |
| NNW | 1.2 | .6 | .7 | | | | | | | | | 2.5 | 4.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 8.8 | //// |
| TOTALS | 42.3 | 35.0 | 12.6 | 1.3 | .1 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS: 855

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.8 | .2 | | | | | | | | | | 2.6 | 2.9 |
| NNE | 2.7 | 1.3 | .2 | | | | | | | | | 4.2 | 3.1 |
| NE | 2.0 | .4 | .1 | | | | | | | | | 2.5 | 2.6 |
| ENE | 2.4 | .4 | .2 | .1 | | | | | | | | 3.1 | 3.0 |
| E | 4.5 | 1.6 | .5 | | | | | | | | | 6.6 | 3.0 |
| ESE | 2.5 | 1.9 | .1 | | | | | | | | | 4.5 | 3.3 |
| SE | 3.6 | 1.8 | .6 | | | | | | | | | 6.0 | 3.3 |
| SSE | 4.3 | 1.6 | .8 | | | | | | | | | 6.8 | 3.5 |
| S | 13.5 | 4.1 | 1.3 | | | | | | | | | 18.9 | 3.1 |
| SSW | 3.6 | 1.5 | .1 | | | | | | | | | 5.3 | 3.0 |
| SW | 1.4 | .6 | | | | | | | | | | 2.0 | 2.9 |
| WSW | 1.1 | .4 | | | | | | | | | | 1.4 | 2.7 |
| W | .9 | .1 | | | | | | | | | | 1.1 | 2.3 |
| WNW | .6 | | | | | | | | | | | .6 | 2.4 |
| NW | .4 | .7 | .1 | .1 | | | | | | | | 1.3 | 5.3 |
| NNW | .6 | | .1 | .2 | | | | | | | | .9 | 6.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 32.3 | //// |
| TOTALS | 45.8 | 17.2 | 4.2 | .5 | | | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS: 851

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: AUG HOURS(IST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.4 | .2 | .2 | | | | | | | | | 2.7 | 2.5 |
| NNE | 2.1 | .6 | | | | | | | | | | 2.7 | 2.8 |
| NE | 1.7 | .9 | | | | | | | | | | 2.7 | 3.2 |
| ENE | 2.2 | .3 | | | | | | | | | | 2.5 | 2.2 |
| E | 2.8 | .6 | | | | | | | | | | 3.5 | 2.1 |
| ESE | 2.1 | 1.3 | .2 | | | | | | | | | 3.5 | 3.5 |
| SE | 4.3 | 1.3 | | | | | | | | | | 5.5 | 2.7 |
| SSE | 5.5 | .8 | .3 | | | | | | | | | 6.6 | 2.5 |
| S | 10.3 | 1.7 | | | | | | | | | | 12.0 | 2.3 |
| SSW | 5.4 | 1.1 | | | | | | | | | | 6.5 | 2.5 |
| SW | .9 | .2 | | | | | | | | | | 1.1 | 2.0 |
| WSW | 1.1 | | | | | | | | | | | 1.1 | 1.7 |
| W | .9 | .3 | | | | | | | | | | 1.3 | 2.5 |
| WNW | .2 | .3 | .3 | | | | | | | | | .8 | 5.4 |
| NW | .5 | .3 | | | | | | | | | | .8 | 2.8 |
| NNW | .5 | | | | | | | | | | | .5 | 2.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 46.2 | //// |
| TOTALS | 42.9 | 10.0 | .9 | | | | | | | | | 100.0 | 1.4 |

TOTAL NUMBER OF OBSERVATIONS: 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.8 | 1.4 | .2 | .1 | .0 | | | | | | 4.5 | 3.4 |
| NNE | 2.4 | 1.4 | .4 | .0 | | | | | | | 4.2 | 3.6 |
| NE | 2.4 | 1.0 | .2 | .0 | | | | | | | 3.6 | 3.2 |
| ENE | 2.6 | 1.1 | .2 | .0 | | | | | | | 3.9 | 3.1 |
| E | 3.9 | 1.9 | .3 | | | | | | | | 6.2 | 3.2 |
| ESE | 2.5 | 1.8 | .5 | | | | | | | | 4.7 | 3.7 |
| SE | 2.6 | 1.5 | .5 | .0 | | | | | | | 4.7 | 3.6 |
| SSE | 2.8 | 1.6 | .7 | .1 | | | | | | | 5.1 | 3.8 |
| S | 5.9 | 3.1 | 1.2 | .1 | | | | | | | 10.4 | 3.7 |
| SSW | 2.5 | 1.7 | .4 | .0 | | | | | | | 4.6 | 3.7 |
| SW | 2.3 | 1.1 | .2 | .0 | | | | | | | 3.7 | 3.4 |
| WSW | 2.4 | 1.1 | .3 | .0 | | | | | | | 3.7 | 3.4 |
| W | 2.8 | 1.7 | .3 | .0 | | | | | | | 4.9 | 3.4 |
| WNW | 1.5 | .8 | .3 | .0 | | | | | | | 2.7 | 3.6 |
| NW | 1.0 | 1.0 | .3 | .0 | | | | | | | 2.3 | 4.1 |
| NNW | 1.3 | .6 | .2 | .0 | | | | | | | 2.1 | 3.8 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 28.4 | //// |
| TOTALS | 41.9 | 23.0 | 6.2 | .6 | .0 | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS: 6177

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: SEP HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.7 | 1.7 | .7 | | | | | | | | | 4.1 | 4.3 |
| NNE | 4.1 | 2.6 | .2 | | | | | | | | | 6.9 | 3.3 |
| NE | 4.4 | 2.8 | .6 | | | | | | | | | 7.8 | 3.3 |
| ENE | 3.0 | .7 | | | | | | | | | | 3.7 | 2.6 |
| E | 2.2 | .7 | | | | | | | | | | 3.1 | 2.4 |
| ESE | 3.0 | .4 | .2 | | | | | | | | | 3.5 | 2.6 |
| SE | 5.2 | 2.6 | .4 | | | | | | | | | 8.1 | 3.3 |
| SSE | 3.3 | 1.9 | | | | | | | | | | 5.2 | 3.1 |
| S | 3.1 | 1.1 | .6 | | | | | | | | | 4.8 | 3.5 |
| SSW | .6 | .4 | | | | | | | | | | .9 | 2.8 |
| SW | | .4 | | | | | | | | | | .4 | 4.5 |
| WSW | .4 | | | | | | | | | | | .4 | 2.0 |
| W | .4 | | | | | | | | | | | .4 | 2.5 |
| WNW | .4 | | | | | | | | | | | .4 | 1.0 |
| NW | .4 | | | | | | | | | | | .4 | 3.0 |
| NNW | .2 | .4 | .2 | | | | | | | | | .7 | 4.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | | 49.3 | //// |
| TOTALS | 32.2 | 15.7 | 2.8 | | | | | | | | | 100.0 | 1.6 |

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: SEP HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.9 | 2.5 | .7 | | | | | | | | 6.1 | 4.1 |
| NNE | 4.7 | 3.8 | .2 | | | | | | | | 8.7 | 3.4 |
| NE | 6.1 | 2.5 | .5 | | | | | | | | 9.0 | 3.4 |
| ENE | 4.6 | .7 | | | | | | | | | 5.2 | 2.3 |
| E | 3.4 | 1.3 | | | | | | | | | 4.7 | 2.3 |
| ESE | 4.1 | 1.0 | .3 | | | | | | | | 5.4 | 2.8 |
| SE | 2.6 | 1.5 | .3 | | | | | | | | 4.4 | 3.5 |
| SSE | 3.1 | .7 | .2 | | | | | | | | 3.9 | 3.0 |
| S | 2.9 | 1.1 | .5 | | | | | | | | 4.6 | 3.5 |
| SSW | .3 | | .3 | | | | | | | | .7 | 5.5 |
| SW | .2 | | | | | | | | | | .2 | 2.0 |
| WSW | | .2 | | | | | | | | | .2 | 4.0 |
| W | .3 | .3 | | | | | | | | | .7 | 3.0 |
| WNW | .2 | | | | | | | | | | .2 | 2.0 |
| NW | .2 | | .2 | | | | | | | | .3 | 5.0 |
| NNW | .7 | .2 | | | | | | | | | .8 | 2.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 45.0 | //// |
| TOTALS | 36.3 | 15.5 | 3.1 | | | | | | | | 100.0 | 1.8 |

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.1 | 3.1 | .1 | | | | | | | | 6.3 | 3.6 |
| NNE | 4.1 | 5.2 | 1.7 | | | | | | | | 10.9 | 4.4 |
| NE | 3.7 | 4.9 | .6 | | | | | | | | 9.2 | 3.9 |
| ENE | 2.9 | 3.1 | .1 | | | | | | | | 6.1 | 3.4 |
| E | 5.8 | 1.8 | .2 | | | | | | | | 7.9 | 2.8 |
| ESE | 4.7 | 2.2 | .1 | | | | | | | | 7.0 | 3.1 |
| SE | 3.2 | 3.1 | .9 | .1 | | | | | | | 7.2 | 4.0 |
| SSE | 2.6 | 2.0 | .5 | | | | | | | | 5.0 | 3.5 |
| S | 1.6 | 1.5 | .5 | | | | | | | | 3.6 | 4.0 |
| SSW | 1.1 | .5 | .1 | | | | | | | | 1.7 | 3.5 |
| SW | .1 | .2 | | | | | | | | | .4 | 3.0 |
| WSW | .2 | .1 | | | | | | | | | .4 | 2.7 |
| W | .2 | .2 | | | | | | | | | .5 | 3.0 |
| WNW | .6 | .2 | | | | | | | | | .9 | 3.0 |
| NW | .9 | .4 | .4 | | | | | | | | 1.6 | 3.7 |
| NNW | .9 | .9 | .4 | | | | | | | | 2.1 | 4.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 29.2 | //// |
| TOTALS | 35.6 | 29.4 | 5.7 | .1 | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS: 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.3 | 4.5 | 1.7 | | | | | | | | | 8.5 | 4.4 |
| NNE | 2.0 | 3.5 | 1.6 | .1 | | | | | | | | 7.2 | 5.1 |
| NE | 1.8 | 4.5 | 2.0 | .1 | | | | | | | | 8.4 | 5.3 |
| ENE | 3.4 | 2.9 | 1.1 | | | | | | | | | 7.4 | 4.0 |
| E | 7.1 | 5.5 | .9 | .1 | .1 | | | | | | | 13.7 | 3.9 |
| ESE | 2.9 | 4.2 | .5 | | | | | | | | | 7.6 | 4.0 |
| SE | 2.0 | 4.5 | 1.0 | | | | | | | | | 7.4 | 4.5 |
| SSE | 1.7 | 5.3 | 2.4 | .1 | | | | | | | | 9.5 | 5.2 |
| S | 2.8 | 3.8 | 2.6 | .4 | | | | | | | | 9.5 | 5.1 |
| SSW | 1.5 | 2.6 | .7 | .1 | | | | | | | | 4.9 | 4.6 |
| SW | .9 | 1.5 | .4 | .1 | | | | | | | | 2.8 | 5.0 |
| WSW | 1.0 | .9 | .1 | | | | | | | | | 2.0 | 3.6 |
| W | 1.1 | .5 | .1 | | | | | | | | | 1.7 | 3.4 |
| WNW | .7 | .1 | .1 | | | | | | | | | 1.0 | 2.9 |
| NW | .4 | .5 | .1 | | | | | | | | | 1.0 | 4.1 |
| NNW | 1.1 | .6 | 1.0 | | | | | | | | | 2.7 | 5.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 4.6 | //// |
| TOTALS | 32.6 | 45.3 | 16.2 | 1.1 | .1 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.1 | 3.3 | 3.1 | .2 | | | | | | | 9.8 | 5.2 |
| NNE | 1.7 | 3.7 | 2.0 | .2 | | | | | | | 7.7 | 5.5 |
| NE | 2.0 | 4.0 | 1.7 | .2 | | | | | | | 7.9 | 5.2 |
| ENE | 3.0 | 2.2 | .6 | | | | | | | | 5.8 | 4.1 |
| E | 3.3 | 5.3 | 1.0 | .2 | | | | | | | 9.9 | 4.5 |
| ESE | 3.0 | 3.7 | .6 | | | | | | | | 7.3 | 4.2 |
| SE | 1.9 | 4.7 | .5 | | | | | | | | 6.7 | 4.5 |
| SSE | 4.2 | 3.7 | 1.7 | .2 | | | | | | | 9.9 | 4.4 |
| S | 3.1 | 5.1 | 3.5 | .5 | | | | | | | 12.2 | 5.5 |
| SSW | 1.1 | 2.2 | .7 | | | | | | | | 4.1 | 4.5 |
| SW | 1.7 | 1.2 | .2 | .1 | | | | | | | 3.3 | 3.8 |
| WSW | 1.2 | 1.4 | .4 | | | | | | | | 3.0 | 4.2 |
| W | .6 | 1.0 | .4 | .1 | | | | | | | 2.1 | 4.9 |
| WNW | .2 | .2 | | | | | | | | | .5 | 3.3 |
| NW | .2 | .2 | .1 | .1 | | | | | | | .7 | 6.0 |
| NNW | .9 | .9 | .9 | .1 | | | | | | | 2.7 | 5.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 6.2 | //// |
| TOTALS | 31.4 | 42.7 | 17.5 | 2.2 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS: 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS/LSI: 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND | |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|-------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | | | GE 56 |
| N | 2.0 | 6.0 | 1.9 | .2 | | | | | | | | 10.1 | 5.3 |
| NNE | 2.5 | 3.0 | 1.7 | .1 | .1 | | | | | | | 7.5 | 5.0 |
| NE | 2.0 | 3.6 | 1.4 | | | | | | | | | 7.0 | 4.6 |
| ENE | 3.4 | 3.2 | .6 | | | | | | | | | 7.2 | 3.9 |
| E | 7.5 | 4.1 | .4 | | | | | | | | | 12.0 | 3.2 |
| ESE | 2.2 | 2.0 | 1.2 | .1 | | | | | | | | 5.6 | 4.6 |
| SE | 2.5 | 3.7 | 1.2 | | | | | | | | | 7.5 | 4.5 |
| SSE | 2.5 | 2.9 | 2.1 | .1 | | | | | | | | 7.6 | 5.0 |
| S | 5.0 | 6.5 | 2.2 | .4 | | | | | | | | 14.1 | 4.7 |
| SSW | 1.2 | 2.2 | 1.4 | .1 | | | | | | | | 5.0 | 5.0 |
| SW | .7 | .5 | .1 | .1 | | | | | | | | 1.5 | 4.7 |
| WSW | 1.0 | 1.1 | | | | | | | | | | 2.1 | 3.5 |
| W | 1.1 | .2 | | | | | | | | | | 1.4 | 2.9 |
| WNW | .1 | .1 | .1 | | | | | | | | | .4 | 4.3 |
| NW | .4 | .2 | .2 | | | | | | | | | .9 | 4.3 |
| NNW | .4 | .6 | .6 | | | | | | | | | 1.6 | 5.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 8.7 | //// | |
| TOTALS | 34.5 | 40.1 | 15.3 | 1.2 | .1 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS: 803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.3 | 3.1 | | | | | | | | | 6.4 | 3.4 |
| NNE | 4.3 | 2.1 | .5 | | | | | | | | 6.9 | 3.3 |
| NE | 3.9 | .6 | .3 | .1 | | | | | | | 4.9 | 3.1 |
| ENE | 3.1 | 1.4 | .3 | | | | | | | | 4.8 | 2.8 |
| E | 3.6 | .8 | .1 | | | | | | | | 4.5 | 2.3 |
| ESE | 2.9 | 1.5 | .3 | | | | | | | | 4.6 | 3.4 |
| SE | 2.8 | 2.1 | .6 | | | | | | | | 5.5 | 3.9 |
| SSE | 4.3 | 2.0 | .5 | | | | | | | | 6.8 | 3.3 |
| S | 5.5 | 5.4 | .9 | | | | | | | | 11.8 | 3.9 |
| SSW | 1.1 | | | | | | | | | | 1.1 | 1.4 |
| SW | .5 | .3 | .1 | .3 | | | | | | | 1.1 | 5.7 |
| WSW | .4 | .3 | | | | | | | | | .6 | 3.2 |
| W | .6 | | | | | | | | | | .6 | 1.8 |
| WNW | .6 | .1 | | | | | | | | | .8 | 2.3 |
| NW | .5 | .3 | .1 | .1 | | | | | | | 1.0 | 1.1 |
| NNW | .9 | .5 | | | | | | | | | 1.4 | 1.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 3.2 |
| TOTALS | 38.1 | 20.5 | 3.6 | .5 | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS: 797

AD-A183 385

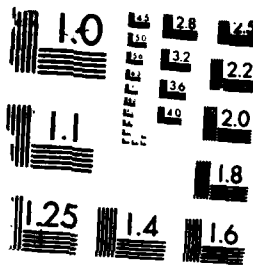
FT POLK LOUISIANA LIMITED SURFACE OBSERVATIONS CLIMATIC
SUMMARY FY 1986 (U) AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER SCOTT AFB 14 JUL 87

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MULTI-COPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: SEP HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.5 | 1.5 | .3 | | | | | | | | | 4.3 | 3.1 |
| NNE | 5.3 | 2.2 | .3 | | | | | | | | | 7.8 | 3.1 |
| NE | 2.2 | 2.8 | .2 | .2 | | | | | | | | 5.3 | 3.9 |
| ENE | 3.2 | .8 | | | | | | | | | | 4.0 | 2.5 |
| E | 3.7 | .7 | .2 | | | | | | | | | 4.5 | 2.2 |
| ESE | 1.7 | .5 | .2 | | | | | | | | | 2.3 | 3.2 |
| SE | 3.5 | 1.5 | .3 | | | | | | | | | 5.3 | 3.1 |
| SSE | 6.2 | 2.0 | .2 | | | | | | | | | 8.3 | 2.6 |
| S | 4.7 | 2.0 | .2 | | | | | | | | | 6.8 | 3.0 |
| SSW | .8 | .5 | | | | | | | | | | 1.3 | 3.1 |
| SW | .8 | | .2 | | | | | | | | | 1.0 | 2.7 |
| WSW | .5 | | | | | | | | | | | .5 | 1.7 |
| W | .2 | .2 | .2 | | | | | | | | | .5 | 5.7 |
| WNW | .2 | | | | | | | | | | | .2 | 3.0 |
| NW | .3 | .3 | | | | | | | | | | .7 | 3.8 |
| NNW | .3 | .5 | .3 | .3 | | | | | | | | 1.5 | 7.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 45.5 | //// |
| TOTALS | 36.0 | 15.5 | 2.5 | .5 | | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.6 | 3.4 | 1.1 | .1 | | | | | | | 7.2 | 4.5 |
| NNE | 3.5 | 3.3 | 1.1 | .1 | .0 | | | | | | 8.0 | 4.2 |
| NE | 3.1 | 3.3 | .9 | .1 | | | | | | | 7.5 | 4.2 |
| ENE | 3.3 | 2.0 | .4 | | | | | | | | 5.7 | 3.4 |
| E | 4.8 | 2.7 | .4 | .1 | .0 | | | | | | 8.0 | 3.3 |
| ESE | 3.1 | 2.1 | .4 | .0 | | | | | | | 5.6 | 3.6 |
| SE | 2.8 | 3.0 | .7 | .0 | | | | | | | 6.6 | 4.0 |
| SSE | 3.4 | 2.7 | 1.1 | .1 | | | | | | | 7.2 | 4.0 |
| S | 3.6 | 3.5 | 1.5 | .2 | | | | | | | 8.8 | 4.5 |
| SSW | 1.0 | 1.1 | .4 | .0 | | | | | | | 2.6 | 4.3 |
| SW | .7 | .6 | .1 | .1 | | | | | | | 1.4 | 4.3 |
| WSW | .6 | .5 | .1 | | | | | | | | 1.2 | 3.6 |
| W | .6 | .3 | .1 | .0 | | | | | | | 1.0 | 3.6 |
| WNW | .4 | .1 | .0 | | | | | | | | .6 | 2.8 |
| NW | .4 | .3 | .2 | .0 | | | | | | | .9 | 4.4 |
| NNW | .7 | .6 | .4 | .1 | | | | | | | 1.8 | 4.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 26.0 | //// |
| TOTALS | 34.6 | 29.6 | 9.0 | .8 | .0 | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS: 5790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: OCT HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.3 | 2.7 | .7 | 1.1 | | | | | | | 6.8 | 5.6 |
| NNE | 2.3 | 5.0 | .9 | | .4 | | | | | | 8.6 | 5.3 |
| NE | 1.8 | 2.7 | 1.1 | | | | | | | | 5.6 | 4.7 |
| ENE | 1.4 | .7 | | | | | | | | | 2.2 | 3.1 |
| E | 3.6 | .5 | | | | | | | | | 4.1 | 2.7 |
| ESE | 1.1 | 1.4 | .5 | | | | | | | | 3.0 | 4.3 |
| SE | 4.1 | 4.8 | 1.4 | | | | | | | | 10.4 | 4.2 |
| SSE | 3.8 | 3.8 | .7 | | | | | | | | 8.2 | 4.0 |
| S | 1.4 | 2.7 | 1.3 | .2 | | | | | | | 5.6 | 5.3 |
| SSW | .2 | .2 | | | | | | | | | .4 | 4.0 |
| SW | .7 | .2 | .2 | | | | | | | | 1.1 | 3.3 |
| WSW | | .2 | .2 | | | | | | | | .4 | 5.5 |
| W | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | |
| NW | .7 | .4 | | | | | | | | | 1.1 | 3.0 |
| NNW | 1.1 | 1.3 | .4 | .2 | | | | | | | 2.9 | 5.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 39.8 | //// |
| TOTALS | 24.6 | 26.5 | 7.3 | 1.4 | .4 | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: OCT HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.9 | 2.4 | 1.3 | | .3 | .2 | | | | | | 8.0 | 5.0 |
| NNE | 1.4 | 4.8 | 1.1 | .3 | .2 | | | | | | | 7.9 | 5.7 |
| NE | 2.4 | 2.1 | .6 | | | | | | | | | 5.1 | 4.0 |
| ENE | 3.5 | 1.0 | .2 | | | | | | | | | 4.7 | 2.8 |
| E | 2.1 | .8 | | | | | | | | | | 2.9 | 2.5 |
| ESE | 2.6 | 1.8 | | | | | | | | | | 4.3 | 3.1 |
| SE | 1.6 | 4.8 | 1.6 | | | | | | | | | 8.0 | 4.9 |
| SSE | 1.8 | 4.5 | .5 | | | | | | | | | 6.8 | 4.5 |
| S | 1.9 | 2.9 | 1.3 | .2 | | | | | | | | 6.3 | 5.0 |
| SSW | .5 | .2 | | | | | | | | | | .6 | 2.8 |
| SW | .5 | | | | | | | | | | | .5 | 2.3 |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .5 | .1 | | | | | | | | | | .8 | 3.0 |
| WNW | .5 | | .2 | | | | | | | | | .6 | 3.5 |
| NW | .2 | .3 | .5 | | | | | | | | | 1.0 | 6.3 |
| NNW | .6 | .7 | .6 | | | | | | | | | 1.6 | 4.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 40.7 | //// |
| TOTALS | 24.1 | 26.2 | 7.9 | .5 | .5 | .2 | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS: 622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 4.5 | 4.1 | 2.7 | .1 | | | | | | | | 11.4 | 4.7 |
| NNE | 2.6 | 3.6 | 1.5 | .2 | .2 | .1 | | | | | | 8.3 | 5.7 |
| NE | 2.4 | 3.1 | .2 | .1 | | | | | | | | 5.8 | 4.3 |
| ENE | 2.6 | 1.0 | .1 | | | | | | | | | 4.6 | 3.4 |
| E | 5.1 | 1.4 | | | | | | | | | | 6.4 | 2.5 |
| ESE | 2.4 | 2.1 | .5 | | | | | | | | | 5.0 | 3.7 |
| SE | 3.5 | 5.6 | .4 | .1 | | | | | | | | 9.5 | 4.1 |
| SSE | 2.5 | 3.2 | 1.1 | .2 | | | | | | | | 7.1 | 4.9 |
| S | 1.2 | 2.0 | 1.5 | | | | | | | | | 4.7 | 5.2 |
| SSW | .5 | .6 | | | | | | | | | | 1.1 | 3.4 |
| SW | .4 | .2 | | | | | | | | | | .6 | 3.6 |
| WSW | .4 | .7 | | | | | | | | | | .6 | 2.8 |
| W | .6 | .7 | | | | | | | | | | .9 | 3.0 |
| WNW | .4 | .2 | .4 | | | | | | | | | 1.0 | 5.5 |
| NW | .2 | .5 | .2 | | | | | | | | | 1.0 | 4.8 |
| NNW | 1.1 | 1.0 | .5 | | | | | | | | | 2.6 | 4.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 29.5 | //// |
| TOTALS | 30.2 | 30.0 | 9.2 | .9 | .2 | .1 | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS: 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL & | MEAN WIND |
|------------------------|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.3 | 3.1 | 4.0 | 1.1 | | | | | | | 10.5 | 6.5 |
| NNE | 1.2 | 3.2 | 2.1 | .7 | .1 | .1 | | | | | 7.5 | 6.8 |
| NE | 1.0 | 2.7 | 1.9 | | .1 | | | | | | 5.7 | 5.6 |
| ENE | 2.5 | 3.1 | .7 | | | | | | | | 6.3 | 4.0 |
| E | 4.1 | 4.3 | .6 | | | | | | | | 9.0 | 3.7 |
| ESE | 2.8 | 2.8 | .6 | | | | | | | | 6.3 | 4.1 |
| SE | 1.5 | 5.7 | 2.6 | | | | | | | | 9.3 | 5.3 |
| SSE | 1.9 | 5.4 | 4.0 | .6 | .1 | | | | | | 12.0 | 6.1 |
| S | .9 | 4.4 | 2.6 | .4 | | | | | | | 8.3 | 6.0 |
| SSW | .6 | 2.7 | 1.4 | .5 | | | | | | | 4.7 | 6.4 |
| SW | .7 | .9 | .6 | | | | | | | | 2.2 | 5.0 |
| WSW | .7 | .6 | .2 | | | | | | | | 1.6 | 4.3 |
| W | .7 | 1.4 | .4 | | | | | | | | 2.5 | 4.3 |
| WNW | 1.0 | .7 | .2 | | | | | | | | 2.0 | 3.7 |
| NW | 1.4 | 1.0 | .5 | .1 | | | | | | | 3.0 | 4.7 |
| NNW | .9 | .7 | 1.4 | .7 | | | | | | | 3.2 | 6.3 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////////////////////// | | | | | | | | | | 5.9 | //// |
| TOTALS | 24.2 | 41.9 | 23.7 | 3.7 | .4 | .1 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS: 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.0 | 4.2 | 4.0 | 1.4 | | | | | | | | 12.6 | 6.3 |
| NNW | 1.4 | 3.2 | 2.6 | .6 | .1 | .1 | | | | | | 8.1 | 6.4 |
| NE | 1.0 | 2.5 | 2.0 | | | | | | | | | 5.5 | 5.5 |
| ENE | 2.6 | 2.4 | | | | | | | | | | 5.0 | 3.4 |
| E | 3.9 | 3.0 | | | | | | | | | | 6.9 | 3.4 |
| ESE | 1.9 | 1.7 | .4 | | | | | | | | | 4.0 | 4.2 |
| SE | 2.1 | 2.7 | 2.4 | .1 | | | | | | | | 7.4 | 5.5 |
| SSE | 2.2 | 2.9 | 2.1 | .1 | | | | | | | | 7.4 | 5.5 |
| S | 2.1 | 5.4 | 5.4 | .6 | .1 | | | | | | | 13.6 | 6.4 |
| SSW | 1.4 | 1.9 | 2.4 | .5 | | | | | | | | 6.1 | 6.2 |
| SW | .7 | 1.2 | .2 | | | | | | | | | 2.2 | 4.3 |
| WSW | .7 | .9 | .1 | | | | | | | | | 1.7 | 4.2 |
| W | 1.4 | 1.4 | .4 | | | | | | | | | 3.1 | 4.1 |
| WNW | 1.1 | .4 | .2 | | | | | | | | | 1.7 | 3.6 |
| NW | 1.4 | .7 | 1.4 | .4 | | | | | | | | 3.9 | 6.3 |
| NNW | 1.9 | 2.1 | 1.7 | .4 | | | | | | | | 6.1 | 5.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 4.6 | //// |
| TOTALS | 28.8 | 36.7 | 25.3 | 4.1 | .2 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS: 401

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS: 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.6 | 5.6 | 4.1 | .9 | .1 | | | | | | 14.4 | 5.7 |
| NNE | 3.1 | 4.1 | 1.9 | .3 | .1 | | | | | | 9.5 | 5.0 |
| NE | 2.1 | 2.5 | .6 | | | | .1 | | | | 5.4 | 4.3 |
| ENE | 2.0 | 1.6 | .5 | | | | | | | | 4.1 | 3.7 |
| E | 3.3 | 1.3 | .3 | | | | | | | | 4.8 | 3.1 |
| ESE | 2.9 | 2.3 | .4 | | | | | | | | 5.5 | 3.5 |
| SE | 1.9 | 3.8 | .8 | | | | | | | | 6.4 | 4.7 |
| SSE | 2.4 | 4.0 | 1.4 | .1 | .1 | | | | | | 8.0 | 5.2 |
| S | 3.5 | 6.9 | 4.3 | | | | | | | | 14.6 | 5.3 |
| SSW | .6 | 1.8 | .8 | | | | | | | | 3.1 | 4.8 |
| SW | 1.1 | .8 | | | | | | | | | 1.9 | 3.6 |
| WSW | .3 | .8 | | | | | | | | | 1.0 | 4.3 |
| W | .9 | .5 | .3 | .1 | | | | | | | 1.8 | 4.4 |
| WNW | .8 | .6 | .1 | | | | | | | | 1.5 | 4.1 |
| NW | .9 | 1.0 | 1.4 | | | | | | | | 3.3 | 5.6 |
| NNW | 1.4 | 2.8 | 1.8 | .1 | | | | | | | 6.0 | 5.4 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 8.8 | //// |
| TOTALS | 30.7 | 40.7 | 18.4 | 1.5 | .4 | .1 | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 4.9 | 4.0 | 1.4 | .4 | .1 | | | | | | 10.8 | 4.4 |
| NNE | 3.6 | 3.1 | 1.1 | .4 | | | | | | | 8.3 | 4.5 |
| NE | 1.5 | .9 | | | | | | | | | 2.4 | 3.0 |
| ENE | 2.5 | .3 | .1 | | | | | | | | 2.9 | 2.4 |
| E | 2.3 | .5 | | | | | | | | | 2.8 | 2.5 |
| ESE | 1.9 | 1.0 | .6 | | | | | | | | 3.5 | 4.0 |
| SE | 2.6 | 2.3 | .5 | | | | | | | | 5.4 | 3.7 |
| SSE | 3.4 | 1.9 | .6 | .1 | | | | | | | 6.0 | 3.7 |
| S | 2.0 | 5.3 | 1.3 | | | | | | | | 8.5 | 4.7 |
| SSW | .8 | .3 | .1 | | | | | | | | 1.1 | 3.7 |
| SW | .3 | | | | | | | | | | .3 | 1.5 |
| WSW | .1 | | | | | | | | | | .1 | 2.0 |
| W | .3 | | | | | | | | | | .3 | 2.5 |
| WNW | .4 | | | | | | | | | | .4 | 2.3 |
| NW | .9 | .8 | .3 | | | | | | | | 1.9 | 3.9 |
| NNW | .5 | .9 | .5 | .1 | .1 | | | | | | 2.1 | 6.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 43.3 | //// |
| TOTALS | 27.9 | 21.1 | 6.5 | 1.0 | .3 | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS: 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 5.2 | 2.7 | 2.1 | .6 | .2 | | | | | | | 10.8 | 5.0 |
| NNE | 1.4 | 3.6 | .5 | .3 | | | | | | | | 5.9 | 4.8 |
| NE | 2.5 | 1.7 | 1.1 | | | | | | | | | 5.4 | 4.4 |
| ENE | 2.1 | 1.9 | | | | | | | | | | 4.0 | 3.2 |
| E | 1.3 | 1.3 | | | | | | | | | | 2.5 | 3.2 |
| ESE | 2.1 | .8 | .5 | | | | | | | | | 3.3 | 3.7 |
| SE | 4.1 | 3.2 | 1.1 | | | | | | | | | 8.4 | 3.8 |
| SSE | 3.0 | 3.2 | .8 | | | | | | | | | 7.0 | 4.2 |
| S | 3.2 | 4.9 | .9 | | | | | | | | | 9.0 | 4.1 |
| SSW | .5 | .5 | .2 | | | | | | | | | 1.1 | 3.9 |
| SW | .5 | .2 | | | | | | | | | | .6 | 2.5 |
| WSW | | | | | | | | | | | | | |
| W | .3 | | | | | | | | | | | .3 | 1.5 |
| WNW | .2 | | .2 | | | | | | | | | .3 | 5.5 |
| NW | .3 | .6 | .3 | | | | | | | | | 1.2 | 4.8 |
| NNW | .5 | .6 | .3 | | | | | | | | | 1.4 | 4.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 38.8 | //// |
| TOTALS | 27.1 | 25.2 | 7.9 | .9 | .2 | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS: 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.7 | 3.7 | 2.7 | .7 | .1 | .0 | | | | | 10.9 | 5.4 |
| NNE | 2.2 | 3.8 | 1.5 | .4 | .1 | .1 | | | | | 8.1 | 5.5 |
| NE | 1.8 | 2.3 | .9 | .0 | .0 | .0 | | | | | 5.1 | 4.6 |
| ENE | 2.4 | 1.6 | .2 | | | | | | | | 4.3 | 3.4 |
| E | 3.3 | 1.7 | .1 | | | | | | | | 5.1 | 3.1 |
| ESE | 2.7 | 1.8 | .4 | | | | | | | | 4.5 | 3.8 |
| SE | 2.6 | 4.0 | 1.3 | .0 | | | | | | | 8.0 | 4.6 |
| SSE | 2.6 | 3.6 | 1.5 | .2 | .0 | | | | | | 7.8 | 5.0 |
| S | 2.0 | 4.4 | 2.4 | .2 | .0 | | | | | | 9.0 | 5.4 |
| SSW | .7 | 1.0 | .7 | .1 | | | | | | | 2.5 | 5.5 |
| SW | .6 | .5 | .1 | | | | | | | | 1.2 | 3.9 |
| WSW | .3 | .4 | .1 | | | | | | | | .8 | 4.0 |
| W | .5 | .5 | .1 | .0 | | | | | | | 1.3 | 3.9 |
| WNW | .6 | .3 | .2 | | | | | | | | 1.0 | 4.0 |
| NW | .8 | .7 | .6 | .1 | | | | | | | 2.1 | 5.2 |
| NNW | 1.0 | 1.3 | .9 | .1 | .0 | | | | | | 3.4 | 5.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 25.0 | //// |
| TOTALS | 27.4 | 31.5 | 17.9 | 1.8 | .3 | .1 | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS: 5826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: NOV HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 4.3 | 4.4 | 2.4 | .6 | | | | | | | 11.7 | 4.9 |
| NNE | 1.9 | 1.1 | 1.1 | | | | | | | | 4.1 | 4.3 |
| NE | .9 | .9 | 1.3 | | | | | | | | 3.1 | 5.5 |
| ENE | 1.9 | 1.3 | .9 | .2 | | | | | | | 4.3 | 4.4 |
| E | 2.0 | 1.7 | | | | | | | | | 3.7 | 3.6 |
| ESE | 1.5 | 2.0 | | | | | | | | | 3.5 | 3.6 |
| SE | 1.3 | 3.3 | .2 | | | | | | | | 4.8 | 4.3 |
| SSE | 2.4 | 2.2 | 1.3 | | | | | | | | 5.9 | 4.5 |
| S | 3.5 | 6.3 | 3.9 | .7 | | | | | | | 14.4 | 5.7 |
| SSW | 1.3 | .9 | .6 | | | | | | | | 2.8 | 4.4 |
| SW | .7 | .9 | .6 | .2 | | | | | | | 2.4 | 5.2 |
| WSW | | .7 | .4 | | | | | | | | 1.1 | 6.2 |
| W | .6 | .2 | .4 | | | | | | | | 1.1 | 3.8 |
| WNW | | .6 | .2 | .2 | | | | | | | .9 | 7.2 |
| NW | .2 | .7 | .9 | | | | | | | | 1.9 | 6.9 |
| NNW | 1.5 | 1.7 | .7 | .2 | | | | | | | 4.1 | 4.8 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 30.2 | //// |
| TOTALS | 23.9 | 29.1 | 14.8 | 2.0 | | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: NOV HOURS(IST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.3 | 5.9 | 1.8 | .2 | | | | | | | | 11.2 | 4.9 |
| NNE | 2.4 | 2.0 | 1.5 | .6 | | | | | | | | 6.4 | 5.5 |
| NE | .6 | 3.1 | .6 | | | | | | | | | 4.2 | 5.1 |
| ENE | 1.7 | .9 | .4 | | | | | | | | | 2.9 | 3.6 |
| E | 2.4 | 1.7 | | .2 | | | | | | | | 4.2 | 3.5 |
| ESE | 1.8 | 2.0 | .4 | | | | | | | | | 4.2 | 3.8 |
| SE | 3.5 | 3.7 | .2 | | | | | | | | | 7.4 | 3.5 |
| SSE | 2.6 | 2.0 | 1.1 | .2 | | | | | | | | 5.9 | 4.5 |
| S | 2.4 | 3.9 | 3.7 | .2 | | | | | | | | 10.1 | 5.7 |
| SSW | 1.3 | 1.1 | .9 | | | | | | | | | 3.3 | 4.6 |
| SW | .9 | 1.1 | .9 | | | | | | | | | 2.9 | 4.8 |
| WSW | .9 | .4 | .4 | | | | | | | | | 1.7 | 4.3 |
| W | .7 | .2 | .2 | | | | | | | | | 1.1 | 3.3 |
| WNW | .7 | .6 | .2 | .2 | | | | | | | | 1.7 | 5.4 |
| NW | .2 | .7 | .6 | .2 | | | | | | | | 1.7 | 7.0 |
| NNW | 1.8 | 1.8 | .6 | | | | | | | | | 4.2 | 4.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 26.7 | //// |
| TOTALS | 27.3 | 31.1 | 13.3 | 1.7 | | | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS: 543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 4.7 | 4.9 | 2.2 | .1 | | | | | | | 11.9 | 4.5 |
| NNE | 1.8 | 3.9 | 1.0 | .3 | | | | | | | 7.0 | 4.9 |
| NE | 1.4 | 2.7 | 1.4 | .1 | | | | | | | 5.6 | 5.4 |
| ENE | 2.5 | .6 | .6 | | | | | | | | 3.8 | 3.5 |
| E | 1.8 | 1.1 | .1 | | | | | | | | 3.0 | 3.3 |
| ESE | 3.3 | 2.5 | .9 | | | | | | | | 6.7 | 3.8 |
| SE | 3.8 | 3.2 | 1.0 | | | | | | | | 8.0 | 3.9 |
| SSE | 2.0 | 2.7 | 1.6 | .1 | | | | | | | 6.5 | 4.9 |
| S | 1.5 | 3.7 | 2.2 | .3 | | | | | | | 7.6 | 5.7 |
| SSW | .8 | .8 | .3 | | | | | | | | 1.8 | 3.9 |
| SW | .4 | .6 | .3 | | | | | | | | 1.3 | 4.7 |
| WSW | .6 | .3 | .3 | | | | | | | | 1.1 | 3.9 |
| W | 1.1 | 1.1 | .4 | | | | | | | | 2.7 | 4.2 |
| WNW | .5 | .8 | .6 | .3 | | | | | | | 2.2 | 6.0 |
| NW | .6 | 1.1 | .9 | | | | | | | | 2.7 | 5.7 |
| NNW | 1.4 | 2.3 | 1.0 | | | | | | | | 4.7 | 5.0 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 23.5 | //// |
| TOTALS | 28.3 | 32.4 | 14.7 | 1.1 | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS: 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS: 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.1 | 4.5 | 3.3 | .1 | | | | | | | 10.1 | 5.5 |
| NNE | 1.6 | 2.6 | 3.3 | 1.1 | | | | | | | 8.6 | 6.7 |
| NE | 1.3 | 2.7 | 2.5 | .6 | | | | | | | 7.1 | 6.4 |
| ENE | 2.0 | 2.3 | .5 | | | | | | | | 4.8 | 3.8 |
| E | 1.3 | 2.6 | 1.0 | | | | | | | | 4.9 | 4.5 |
| ESE | 1.1 | 2.5 | .9 | | .1 | | | | | | 4.5 | 5.1 |
| SE | 1.5 | 4.3 | 2.7 | .2 | | | | | | | 8.7 | 5.8 |
| SSE | 2.8 | 4.9 | 3.8 | .4 | | | | | | | 11.9 | 5.7 |
| S | 1.2 | 4.5 | 3.2 | .4 | | | | | | | 9.3 | 6.2 |
| SSW | .2 | 1.7 | 1.0 | .2 | | | | | | | 3.2 | 6.3 |
| SW | .5 | .7 | 1.2 | | | | | | | | 2.5 | 6.0 |
| WSW | .4 | .9 | .7 | | | | | | | | 2.0 | 5.4 |
| W | 1.5 | .7 | .6 | .2 | | | | | | | 3.1 | 5.2 |
| WNW | .7 | 1.1 | 1.1 | .2 | .1 | | | | | | 3.3 | 6.6 |
| NW | .6 | 1.6 | 1.2 | .5 | | | | | | | 3.9 | 6.5 |
| NNW | .9 | 2.1 | 2.6 | | | | | | | | 5.5 | 6.3 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 6.6 | //// |
| TOTALS | 19.8 | 39.4 | 29.6 | 4.0 | .2 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.9 | 4.0 | 5.5 | .7 | .1 | | | | | | | 12.2 | 6.6 |
| NNE | 1.7 | 2.4 | 1.7 | .6 | .2 | | | | | | | 6.7 | 6.4 |
| NE | 1.5 | 2.5 | 1.2 | .4 | | | | | | | | 5.6 | 5.3 |
| ENE | 1.4 | 1.5 | .7 | | | | | | | | | 3.6 | 4.5 |
| E | 1.7 | 1.7 | .1 | | | | | | | | | 3.6 | 3.7 |
| ESE | 1.5 | 2.4 | .2 | | | | | | | | | 4.1 | 4.1 |
| SE | 1.7 | 2.2 | 2.1 | .1 | .2 | | | | | | | 6.5 | 6.0 |
| SSE | 1.7 | 2.6 | 2.9 | .6 | .1 | | | | | | | 8.0 | 6.2 |
| S | 1.1 | 5.2 | 5.3 | 1.4 | | | | | | | | 13.1 | 7.0 |
| SSW | 1.5 | 2.5 | 2.1 | .5 | | | | | | | | 6.6 | 6.1 |
| SW | .6 | .9 | 1.6 | | | | | | | | | 3.1 | 6.2 |
| WSW | 1.4 | 1.0 | .6 | .2 | | | | | | | | 3.2 | 5.2 |
| W | .6 | 1.2 | .7 | | | | | | | | | 2.6 | 5.3 |
| WNW | .4 | 1.4 | .7 | .4 | .2 | | | | | | | 3.1 | 7.7 |
| NW | 1.2 | 1.0 | 1.6 | 1.1 | | | | | | | | 5.0 | 7.0 |
| NNW | 1.5 | 3.7 | 2.4 | .6 | | | | | | | | 7.7 | 6.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 5.3 | //// |
| TOTALS | 21.5 | 35.7 | 29.7 | 6.7 | 1.0 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS: 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOUR: 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.7 | 5.7 | 4.5 | .6 | | | | | | | | 13.6 | 5.8 |
| NNE | 4.2 | 3.1 | 1.9 | .5 | | | | | | | | 9.7 | 4.6 |
| NE | 1.9 | 1.9 | .6 | | .1 | | | | | | | 4.5 | 4.4 |
| ENE | 2.7 | 1.0 | .1 | | | | | | | | | 3.9 | 2.8 |
| E | 3.1 | 1.0 | .1 | | | | | | | | | 4.2 | 3.1 |
| ESE | 1.2 | 1.1 | .1 | .1 | | | | | | | | 2.6 | 3.9 |
| SE | 1.0 | 2.7 | .6 | | | | | | | | | 4.4 | 4.6 |
| SSE | 1.7 | 3.1 | 2.5 | .7 | | | | | | | | 7.6 | 5.6 |
| S | 3.5 | 5.6 | 6.0 | .6 | | | | | | | | 15.7 | 6.1 |
| SSW | 1.6 | 2.1 | 1.2 | .7 | | | | | | | | 5.2 | 5.4 |
| SW | 1.0 | .1 | .4 | | | | | | | | | 1.5 | 3.8 |
| WSW | | .6 | .2 | | | | | | | | | .9 | 5.3 |
| W | .7 | 1.2 | .5 | | | | | | | | | 2.5 | 4.3 |
| WNW | .7 | .7 | .7 | .4 | .1 | | | | | | | 2.7 | 6.7 |
| NW | .7 | 1.6 | 2.4 | .5 | | | | | | | | 5.2 | 6.9 |
| NNW | .4 | 1.6 | 2.4 | .5 | | | | | | | | 4.9 | 7.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 11.1 | //// |
| TOTALS | 27.4 | 33.7 | 24.3 | 3.7 | .2 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.9 | 3.8 | 2.1 | .4 | | | | | | | | 10.1 | 4.8 |
| NNE | 2.1 | 2.0 | 1.6 | | | | | | | | | 5.8 | 4.8 |
| NE | 1.9 | .6 | .3 | .1 | | | | | | | | 2.9 | 3.6 |
| ENE | 1.8 | .8 | .1 | | | | | | | | | 2.6 | 3.1 |
| E | 3.5 | 1.5 | .5 | | | | | | | | | 5.5 | 3.3 |
| ESE | 2.1 | .9 | .5 | | | | | | | | | 3.5 | 3.5 |
| SE | 1.3 | 1.9 | .9 | | | | | | | | | 4.0 | 4.8 |
| SSE | 2.0 | 2.4 | 1.6 | .3 | | | | | | | | 6.3 | 5.2 |
| S | 2.6 | 6.9 | 3.3 | .3 | | | | | | | | 13.0 | 5.5 |
| SSW | 1.1 | .9 | .1 | | | | | | | | | 2.1 | 3.9 |
| SW | | .3 | .1 | | | | | | | | | .4 | 6.0 |
| WSW | | .3 | | | | | | | | | | .3 | 5.0 |
| W | .1 | .3 | .3 | | | | | | | | | .6 | 5.4 |
| WNW | .4 | .3 | .3 | .1 | | | | | | | | 1.1 | 5.5 |
| NW | .8 | 1.0 | 1.4 | .5 | | | | | | | | 3.6 | 6.5 |
| NNW | 1.9 | 1.1 | .8 | .1 | | | | | | | | 3.9 | 4.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 34.2 | //// |
| TOTALS | 25.4 | 24.9 | 13.8 | 1.8 | | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722190 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS: 1500-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.7 | 3.4 | 3.7 | .4 | | | | | | | | 11.1 | 5.3 |
| NNE | 1.4 | 1.3 | .9 | .1 | | | | | | | | 4.1 | 4.9 |
| NE | 1.5 | 2.2 | .9 | | | | | | | | | 4.5 | 4.7 |
| ENE | 1.8 | 1.2 | .4 | .1 | | | | | | | | 3.5 | 3.9 |
| E | 2.5 | 1.6 | | .1 | | | | | | | | 4.2 | 3.4 |
| ESE | 1.6 | .9 | | .1 | | | | | | | | 2.6 | 3.6 |
| SE | 2.1 | 1.9 | .9 | | | | | | | | | 5.1 | 3.9 |
| SSE | 1.9 | 2.4 | 2.3 | .1 | | | | | | | | 7.0 | 5.6 |
| S | 3.9 | 5.8 | 3.5 | .1 | | | | | | | | 13.6 | 5.2 |
| SSW | .9 | 2.2 | .3 | | | | | | | | | 3.4 | 4.7 |
| SW | .1 | .6 | .1 | | | | | | | | | .9 | 4.7 |
| WSW | | .3 | .1 | | | | | | | | | .4 | 6.3 |
| W | .4 | .4 | | | | | | | | | | .9 | 4.0 |
| WNW | .6 | .7 | .6 | | | | | | | | | 1.9 | 4.9 |
| NW | .3 | .5 | .9 | | | | | | | | | 2.0 | 6.1 |
| NNW | .4 | 1.3 | .9 | .1 | | | | | | | | 2.8 | 5.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 31.9 | //// |
| TOTALS | 25.7 | 27.2 | 15.5 | 1.4 | | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS: 684

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722190 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS/LSST: ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|--|------------|--------------|
| | 1-5 | 6-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-40 | 41-47 | 48-55 | GE 56 | | | |
| N | 1.1 | 4.6 | 3.3 | .4 | .0 | | | | | | | 11.5 | 5.4 |
| NNE | 2.2 | 2.4 | 1.7 | .4 | .0 | | | | | | | 6.7 | 5.4 |
| NE | 1.4 | 2.1 | 1.1 | .7 | .0 | | | | | | | 4.8 | 5.2 |
| NNE | 2.0 | 1.2 | .5 | .0 | | | | | | | | 3.7 | 3.7 |
| E | 2.3 | 1.6 | .3 | .7 | | | | | | | | 4.2 | 3.6 |
| ESE | 1.8 | 1.4 | .4 | .0 | .0 | | | | | | | 4.3 | 4.0 |
| SE | 2.0 | 2.9 | 1.2 | .1 | .0 | | | | | | | 6.1 | 4.7 |
| SSE | 2.1 | 2.9 | 2.2 | .3 | .0 | | | | | | | 7.5 | 5.4 |
| S | 2.4 | 5.2 | 3.9 | .5 | | | | | | | | 12.1 | 5.9 |
| SSW | 1.1 | 1.6 | .8 | .1 | | | | | | | | 3.6 | 5.3 |
| SW | .5 | .6 | .7 | .7 | | | | | | | | 1.8 | 5.3 |
| WSW | .4 | .6 | .3 | .1 | | | | | | | | 1.4 | 5.1 |
| W | .7 | .7 | .4 | .7 | | | | | | | | 1.9 | 4.6 |
| WNW | .5 | .4 | .6 | .7 | .1 | | | | | | | 2.2 | 6.4 |
| NW | .6 | 1.1 | 1.3 | .4 | | | | | | | | 3.4 | 6.6 |
| NNW | 1.2 | 1.9 | 1.5 | .7 | | | | | | | | 4.8 | 5.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 20.3 | //// |
| TOTALS | 24.6 | 31.9 | 20.1 | 3.0 | .2 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS: 5777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: DEC HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 4.3 | 4.5 | 4.8 | .7 | | | | | | | 14.3 | 5.6 |
| NNE | 3.9 | 4.1 | .9 | .7 | | | | | | | 9.1 | 4.1 |
| NE | 2.7 | 2.7 | .7 | | | | | | | | 6.1 | 3.9 |
| ENE | 3.4 | 1.6 | .2 | | | | | | | | 5.2 | 3.1 |
| E | 2.2 | 1.4 | .2 | | | | | | | | 3.8 | 3.1 |
| ESE | 1.1 | 1.4 | .2 | | | | | | | | 2.7 | 4.0 |
| SE | 1.6 | 3.0 | 1.3 | | | | | | | | 5.9 | 4.8 |
| SSE | 2.5 | 2.3 | 1.6 | .7 | | | | | | | 6.6 | 4.9 |
| S | 1.6 | 3.9 | 3.8 | .9 | .4 | | | | | | 10.6 | 6.7 |
| SSW | .7 | .5 | .9 | | | | | | | | 2.2 | 5.5 |
| SW | .9 | .7 | .2 | | | | | | | | 1.3 | 3.0 |
| WSW | .7 | .4 | | | | | | | | | 1.1 | 3.5 |
| W | .5 | .5 | .2 | | | | | | | | 1.3 | 3.9 |
| WNW | .9 | .4 | | | | | | | | | 1.3 | 2.7 |
| NW | .5 | .9 | 1.1 | .7 | | | | | | | 2.7 | 6.1 |
| NNW | .4 | 1.6 | .7 | | | | | | | | 2.7 | 5.7 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 23.3 | //// |
| TOTALS | 28.0 | 29.6 | 16.7 | 2.7 | .4 | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: DEC HOURS: 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 3.2 | 5.9 | 4.7 | .5 | | | | | | | | 14.3 | 5.4 |
| NNE | 3.8 | 3.8 | 1.4 | | | | | | | | | 9.0 | 4.3 |
| NE | 3.0 | 3.4 | .5 | .2 | | | | | | | | 7.2 | 4.2 |
| ENE | 1.8 | 1.4 | .2 | | | | | | | | | 3.4 | 3.4 |
| E | 2.2 | .9 | | | | | | | | | | 3.0 | 2.8 |
| ESE | 1.6 | 1.4 | | | | | | | | | | 3.0 | 3.4 |
| SE | 2.4 | 2.9 | .9 | | | | | | | | | 6.1 | 4.4 |
| SSE | .7 | 2.9 | 1.4 | .2 | | | | | | | | 5.2 | 5.6 |
| S | 2.7 | 4.1 | 1.8 | 1.1 | | | | | | | | 9.7 | 5.9 |
| SSW | 1.1 | .4 | .5 | | | | | | | | | 2.0 | 4.0 |
| SW | .5 | | .2 | | | | | | | | | .7 | 3.5 |
| WSW | 1.1 | .9 | .2 | | | | | | | | | 2.2 | 3.8 |
| W | .4 | .9 | .4 | | | | | | | | | 1.6 | 5.1 |
| WNW | .2 | .4 | | | | | | | | | | .7 | 3.5 |
| NW | .7 | .4 | .7 | | | | | | | | | 1.8 | 5.6 |
| NNW | .7 | 2.2 | 1.1 | | | | | | | | | 4.1 | 5.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 26.0 | //// |
| TOTALS | 26.0 | 32.1 | 14.0 | 2.0 | | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1ST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 4.1 | 4.7 | 3.4 | .8 | | | | | | | | 12.5 | 5.5 |
| NNE | 1.6 | 3.9 | 2.7 | .4 | | | | | | | | 8.4 | 5.8 |
| NE | 2.2 | 2.7 | 1.1 | .2 | | | | | | | | 6.2 | 4.7 |
| ENE | 2.7 | 2.2 | .7 | | | | | | | | | 5.5 | 4.0 |
| E | 3.0 | 1.4 | .5 | | | | | | | | | 4.9 | 3.3 |
| ESE | 2.9 | 1.6 | .7 | .1 | | | | | | | | 5.3 | 4.1 |
| SE | 1.8 | 2.4 | 1.0 | .4 | | | | | | | | 5.5 | 4.9 |
| SSE | 2.2 | 2.2 | 1.7 | .5 | | | | | | | | 6.5 | 5.5 |
| S | 1.8 | 2.4 | 2.4 | .6 | .1 | | | | | | | 7.4 | 6.1 |
| SSW | .4 | .7 | 1.0 | .1 | | | | | | | | 1.7 | 7.3 |
| SW | .2 | .1 | .1 | | | | | | | | | .5 | 4.8 |
| WSW | .6 | .7 | .1 | | | | | | | | | 1.0 | 3.8 |
| W | .4 | 1.0 | | | | | | | | | | 1.3 | 4.0 |
| WNW | .4 | .7 | .2 | .2 | | | | | | | | 1.6 | 6.0 |
| NW | .6 | 1.7 | .4 | .1 | .1 | | | | | | | 2.4 | 5.7 |
| NNW | .6 | 1.7 | 2.1 | .4 | | | | | | | | 4.3 | 6.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 24.8 | //// |
| TOTALS | 25.3 | 27.7 | 18.0 | 3.9 | .2 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 1.7 | 3.7 | 5.3 | 1.2 | | | | | | | 11.8 | 7.0 |
| NNE | 3.3 | 3.3 | 3.0 | .7 | .1 | | | | | | 10.5 | 5.8 |
| NE | 2.0 | 2.7 | 1.6 | .2 | | | | | | | 6.6 | 5.0 |
| ENE | 2.0 | 2.3 | .7 | | | | | | | | 5.0 | 4.2 |
| E | 2.0 | 2.2 | 1.4 | | | | | | | | 5.6 | 4.8 |
| ESE | 1.7 | 2.4 | 1.2 | .1 | | | | | | | 5.4 | 4.7 |
| SE | 2.2 | 4.2 | 1.6 | .2 | | | | | | | 8.1 | 5.1 |
| SSE | 2.0 | 4.3 | 2.5 | .6 | .1 | | | | | | 9.6 | 6.0 |
| S | 1.4 | 3.7 | 3.8 | 1.0 | | | | | | | 9.9 | 6.8 |
| SSW | 1.0 | 1.3 | 1.2 | .5 | | | | | | | 3.9 | 6.1 |
| SW | .7 | .6 | .5 | | | | | | | | 1.8 | 4.5 |
| WSW | .4 | .6 | .5 | | | | | | | | 1.4 | 5.3 |
| W | .2 | .7 | .7 | | | | | | | | 1.7 | 6.2 |
| WNW | .8 | .1 | .6 | .5 | | | | | | | 2.0 | 6.5 |
| NW | 1.2 | 1.4 | .6 | .4 | | | | | | | 3.6 | 5.4 |
| NNW | .6 | 1.3 | 2.3 | .5 | | | | | | | 4.7 | 7.1 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 8.4 | //// |
| TOTALS | 23.3 | 34.9 | 27.4 | 5.9 | .2 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS: 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 1.8 | 4.6 | 4.5 | 1.0 | | | | | | | | 11.8 | 6.4 |
| NNE | 1.2 | 3.0 | 2.7 | .2 | | | | | | | | 7.1 | 6.1 |
| NE | 2.2 | 1.9 | 1.7 | .1 | | | | | | | | 5.9 | 5.2 |
| ENE | 1.2 | 1.9 | .5 | | | | | | | | | 3.6 | 4.5 |
| E | 1.8 | 1.8 | .4 | .1 | | | | | | | | 4.1 | 3.9 |
| ESE | 2.3 | 1.0 | 1.0 | | | | | | | | | 4.2 | 4.1 |
| SE | 1.8 | 1.4 | .5 | .1 | | | | | | | | 3.9 | 4.3 |
| SSE | 1.1 | 2.5 | 2.7 | .8 | | | | | | | | 7.1 | 6.8 |
| S | 1.2 | 5.2 | 5.4 | 1.8 | .2 | | | | | | | 13.9 | 7.4 |
| SSW | 1.2 | 2.4 | 1.7 | .4 | | | | | | | | 5.7 | 6.0 |
| SW | 1.2 | 1.8 | 1.4 | .2 | | | | | | | | 4.7 | 5.8 |
| WSW | .7 | 1.1 | .5 | .1 | .1 | | | | | | | 2.5 | 6.0 |
| W | .4 | 1.7 | .5 | | | | | | | | | 2.5 | 5.0 |
| WNW | .5 | 1.3 | 1.1 | .1 | .1 | | | | | | | 3.1 | 6.8 |
| NW | 1.6 | 1.1 | .7 | .2 | | | | | | | | 3.6 | 5.4 |
| NNW | 1.4 | 3.9 | 3.1 | 1.1 | .2 | | | | | | | 9.8 | 6.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 6.3 | //// |
| TOTALS | 21.6 | 36.7 | 28.3 | 6.4 | .7 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1500-1700

| DIRECTION DEGREES | WIND SPEED IN KNOTS | | | | | | | | | | | TOTAL % | MEAN WIND |
|----------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | | |
| N | 2.9 | 4.7 | 3.6 | 1.2 | | | | | | | | 12.5 | 6.0 |
| NNE | 3.0 | 3.7 | 2.6 | .6 | | | | | | | | 10.0 | 5.5 |
| NE | 1.6 | 2.6 | 1.4 | | | | | | | | | 5.6 | 4.8 |
| NNE | 1.7 | 1.9 | .2 | | | | | | | | | 3.9 | 3.9 |
| E | 1.1 | 1.5 | .1 | | | | | | | | | 2.7 | 3.8 |
| ESE | 1.5 | 1.4 | .1 | | | | | | | | | 3.0 | 3.7 |
| SE | 1.9 | 1.9 | 1.2 | | | | | | | | | 5.0 | 4.8 |
| SSE | 1.2 | 1.6 | 2.4 | .2 | | | | | | | | 5.5 | 6.1 |
| S | 4.1 | 6.7 | 3.5 | 1.9 | .5 | | | | | | | 16.7 | 6.2 |
| SSW | 2.1 | 1.7 | 2.1 | .4 | | | | | | | | 6.4 | 5.7 |
| SW | .2 | 1.0 | .6 | | | | | | | | | 1.9 | 6.1 |
| WSW | 1.5 | .4 | .4 | | | | | | | | | 2.2 | 3.9 |
| W | 1.5 | .6 | .1 | | | | | | | | | 2.2 | 3.2 |
| WNW | .9 | .7 | .7 | .1 | | | | | | | | 2.5 | 5.4 |
| NW | .7 | 1.7 | .6 | .4 | | | | | | | | 3.5 | 5.6 |
| NNW | 1.2 | 2.5 | 2.4 | .4 | | | | | | | | 6.5 | 6.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | | 10.1 | //// |
| TOTALS | 27.3 | 34.7 | 22.2 | 5.2 | .5 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS: 803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(EST): 1900-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.5 | 4.3 | 3.3 | .4 | | | | | | | 11.5 | 5.4 |
| NNE | 2.7 | 3.8 | 1.5 | .5 | | | | | | | 8.5 | 4.7 |
| NE | 2.4 | 2.4 | .9 | .1 | | | | | | | 5.8 | 4.3 |
| ENE | 1.5 | .5 | .1 | .1 | | | | | | | 2.3 | 3.9 |
| E | 1.5 | .8 | | | | | | | | | 2.3 | 2.6 |
| ESE | 1.4 | .8 | | | | | | | | | 2.2 | 3.1 |
| SE | 1.0 | 2.3 | 1.0 | | | | | | | | 4.3 | 5.3 |
| SSE | 3.8 | 2.5 | 2.3 | .4 | | | | | | | 9.0 | 4.8 |
| S | 2.2 | 4.2 | 3.0 | 1.8 | .1 | | | | | | 11.3 | 6.8 |
| SSW | 1.0 | 1.5 | .3 | | | | | | | | 2.8 | 4.2 |
| SW | .4 | | .3 | | | | | | | | .6 | 4.0 |
| WSW | .3 | .4 | | | | | | | | | .6 | 3.6 |
| W | .3 | .3 | .1 | | | | | | | | .6 | 4.0 |
| WNW | .4 | .3 | .5 | .1 | | | | | | | 1.3 | 6.2 |
| NW | .1 | .6 | .1 | .2 | | | | | | | 1.0 | 6.0 |
| NNW | 1.4 | .9 | 1.6 | .1 | | | | | | | 4.1 | 5.7 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 31.8 | //// |
| TOTALS | 23.8 | 25.5 | 15.1 | 3.7 | .1 | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS: 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.6 | 3.7 | 3.3 | .7 | | | | | | | 11.3 | 5.7 |
| NNE | 3.0 | 3.0 | 2.3 | .1 | | | | | | | 8.5 | 4.8 |
| NE | 2.6 | 3.3 | 1.6 | | | | | | | | 7.5 | 4.7 |
| ENE | 2.0 | 1.2 | .1 | | | | | | | | 3.3 | 3.4 |
| E | 3.0 | .7 | .1 | | | | | | | | 3.9 | 2.7 |
| ESE | 1.6 | 1.6 | .4 | .1 | | | | | | | 3.7 | 4.6 |
| SE | 2.0 | 1.6 | .9 | | | | | | | | 4.4 | 4.4 |
| SSE | 2.4 | 3.2 | 2.4 | .1 | | | | | | | 8.2 | 5.4 |
| S | 2.7 | 3.9 | 2.9 | 1.0 | | | | | | | 10.5 | 5.9 |
| SSW | 1.0 | .9 | .4 | | | | | | | | 2.3 | 4.2 |
| SW | 1.0 | .6 | .3 | | | | | | | | 1.9 | 3.8 |
| WSW | .7 | .3 | | | | | | | | | 1.0 | 2.6 |
| W | .4 | .4 | | | | | | | | | .9 | 3.2 |
| WNN | .4 | .9 | .4 | | | | | | | | 1.7 | 5.4 |
| NW | .7 | .1 | .3 | .1 | | | | | | | 1.3 | 5.3 |
| NNW | .3 | .1 | 1.7 | | | | | | | | 2.2 | 7.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 27.5 | //// |
| TOTALS | 27.5 | 25.4 | 17.2 | 2.3 | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS: 697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 3.1 | 4.4 | 4.1 | .8 | | | | | | | 12.4 | 6.0 |
| NNE | 2.7 | 3.6 | 2.2 | .4 | .0 | | | | | | 8.9 | 5.2 |
| NE | 2.3 | 2.7 | 1.2 | .1 | | | | | | | 6.3 | 4.7 |
| ENE | 2.0 | 1.6 | .4 | .0 | | | | | | | 4.0 | 3.9 |
| E | 2.1 | 1.4 | .4 | .0 | | | | | | | 3.8 | 3.6 |
| ESE | 1.8 | 1.4 | .5 | .1 | | | | | | | 3.8 | 4.1 |
| SE | 1.8 | 2.4 | 1.0 | .1 | | | | | | | 5.4 | 4.8 |
| SSE | 2.0 | 2.7 | 2.2 | .4 | .0 | | | | | | 7.3 | 5.7 |
| S | 2.2 | 4.3 | 3.4 | 1.3 | .2 | | | | | | 11.3 | 6.6 |
| SSW | 1.1 | 1.2 | 1.1 | .2 | | | | | | | 3.5 | 5.6 |
| SW | .6 | .6 | .5 | .0 | | | | | | | 1.7 | 5.0 |
| WSW | .7 | .5 | .2 | .0 | .0 | | | | | | 1.5 | 4.4 |
| W | .5 | .8 | .3 | | | | | | | | 1.5 | 4.5 |
| WNW | .6 | .6 | .5 | .2 | .0 | | | | | | 1.8 | 5.8 |
| NW | .8 | 1.0 | .5 | .2 | .0 | | | | | | 2.5 | 5.6 |
| NNW | .9 | 1.8 | 2.0 | .3 | .0 | | | | | | 5.0 | 6.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 19.1 | //// |
| TOTALS | 25.2 | 31.0 | 20.3 | 4.1 | .3 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS: 5899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS: ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.9 | 3.2 | 2.0 | .3 | .0 | .0 | | | | | 8.5 | 5.1 |
| NNE | 2.1 | 2.3 | 1.2 | .2 | .0 | .0 | | | | | 5.8 | 4.9 |
| NE | 1.8 | 2.0 | .8 | .1 | .0 | .0 | | | | | 4.7 | 4.5 |
| ENE | 1.9 | 1.4 | .4 | .0 | | | | | | | 3.8 | 3.8 |
| E | 2.8 | 1.7 | .4 | .0 | .0 | | | | | | 4.9 | 3.5 |
| ESE | 1.9 | 1.5 | .5 | .0 | .0 | .0 | | | | | 3.9 | 4.0 |
| SE | 2.0 | 2.3 | 1.0 | .1 | .0 | | | | | | 5.4 | 4.7 |
| SSE | 2.4 | 2.7 | 1.8 | .4 | .0 | .0 | | | | | 7.3 | 5.1 |
| S | 3.8 | 4.9 | 3.3 | .7 | .0 | | | | | | 12.8 | 5.4 |
| SSW | 1.7 | 1.4 | 1.0 | .2 | .0 | | | | | | 4.7 | 4.9 |
| SW | 1.3 | 1.0 | .4 | .1 | .0 | | | | | | 2.8 | 4.3 |
| WSW | 1.2 | .8 | .3 | .0 | .0 | | | | | | 2.3 | 3.9 |
| W | 1.4 | 1.1 | .3 | .1 | .0 | .0 | | | | | 2.9 | 4.1 |
| WNW | .9 | .7 | .4 | .1 | .0 | .0 | | | | | 2.2 | 5.2 |
| NW | .9 | .9 | .7 | .3 | .0 | .0 | | | | | 2.7 | 6.0 |
| NNW | 1.1 | 1.3 | 1.1 | .7 | .0 | .0 | | | | | 3.8 | 5.9 |
| VARIABLE | | | | | | | | | | | | |
| CALM | //////////////////// | | | | | | | | | | 21.3 | //// |
| TOTALS | 30.2 | 29.6 | 15.7 | 3.0 | .2 | .0 | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS: 70660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATION

STATION NUMBER: 702390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(151): ALL

CEILINGS 200 TO 1000 FEET WITH VISIBILITIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 7-1/2 MILES

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS | | | | | | | | | | TOTAL % | MEAN WIND |
|------------------------|---------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | |
| N | 2.3 | 4.8 | 3.9 | .4 | .1 | .0 | | | | | 11.7 | 6.7 |
| NNE | 1.8 | 2.9 | 2.2 | .4 | .1 | .0 | | | | | 7.5 | 6.0 |
| NE | 1.4 | 2.6 | 1.5 | .2 | .0 | .0 | | | | | 5.6 | 5.4 |
| ENE | 1.5 | 1.6 | .8 | .1 | | | | | | | 4.0 | 6.6 |
| E | 1.9 | 1.4 | .5 | .1 | .0 | | | | | | 4.7 | 6.2 |
| ESE | 1.8 | 1.9 | .9 | .1 | | .0 | | | | | 4.8 | 6.7 |
| SE | 1.4 | 3.2 | 1.7 | .2 | .0 | | | | | | 6.9 | 5.2 |
| SSE | 2.5 | 3.7 | 2.9 | .6 | .1 | | | | | | 9.4 | 5.9 |
| S | 3.4 | 6.9 | 4.7 | .9 | .0 | | | | | | 16.1 | 5.4 |
| SSW | 1.6 | 1.9 | 1.0 | .1 | | | | | | | 4.6 | 6.9 |
| SW | 1.1 | .8 | .4 | .1 | | | | | | | 2.3 | 6.4 |
| WSW | .7 | .6 | .3 | .1 | | | | | | | 1.6 | 6.5 |
| W | .8 | .7 | .3 | .1 | | .0 | | | | | 1.9 | 6.8 |
| WNW | .5 | .4 | .4 | .1 | .1 | | | | | | 1.5 | 6.3 |
| NW | .5 | .8 | .7 | .4 | .0 | | | | | | 2.4 | 6.9 |
| NNW | .8 | 1.7 | 1.7 | .7 | .0 | .0 | | | | | 4.5 | 6.5 |
| VARIABLE | | | | | | | | | | | | |
| CALM | | | | | | | | | | | 10.7 | //// |
| TOTALS | 24.3 | 36.1 | 23.9 | 4.6 | .3 | .1 | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS: 9952

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM 0 THROUGH EQUAL TO OR GREATER THAN 5000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 1/2 CLASSES FROM 0 THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1964, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 6 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

| | |
|-----------|-------|
| CLEAR | 0/10 |
| SCATTERED | 3/10 |
| BROKEN | 4/10 |
| OVERCAST | 10/10 |
| OBSCURED | 10/10 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLAR

PERIOD OF RECORD: 78,82-87
MONTH: JAN HOURS(UTC): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | 89.7 | 90.8 | 92.4 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 |
| GE 20000 | | | 51.8 | 53.8 | 55.3 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.5 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 |
| GE 18000 | | | 52.8 | 54.8 | 55.9 | 56.3 | 56.3 | 56.5 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 |
| GE 16000 | | | 52.9 | 54.9 | 55.9 | 56.3 | 56.3 | 56.5 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 |
| GE 14000 | | | 52.9 | 54.9 | 55.9 | 56.3 | 56.3 | 56.5 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 |
| GE 12000 | | | 53.1 | 54.2 | 55.6 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 |
| GE 10000 | | | 54.4 | 55.4 | 56.9 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 58.1 | 58.1 | 58.1 | 58.3 | 58.3 | 58.3 |
| GE 9000 | | | 55.1 | 56.1 | 57.6 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 59.0 | 59.0 | 59.0 |
| GE 8000 | | | 57.9 | 59.0 | 60.4 | 61.3 | 61.3 | 61.5 | 61.5 | 61.5 | 61.7 | 61.7 | 61.7 | 61.9 | 61.9 | 61.9 |
| GE 7000 | | | 59.4 | 60.4 | 61.9 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 |
| GE 6000 | | | 59.7 | 60.8 | 62.2 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 |
| GE 5000 | | | 62.4 | 63.5 | 64.9 | 65.4 | 65.8 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.3 | 66.3 | 66.3 |
| GE 4500 | | | 64.3 | 65.4 | 66.8 | 67.7 | 67.7 | 67.9 | 67.9 | 67.9 | 68.1 | 68.1 | 68.1 | 68.3 | 68.3 | 68.3 |
| GE 4000 | | | 66.5 | 67.6 | 69.2 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 |
| GE 3500 | | | 67.4 | 68.4 | 70.1 | 71.1 | 71.1 | 71.3 | 71.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 |
| GE 3000 | | | 67.7 | 68.8 | 70.4 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 72.0 | 72.0 | 72.0 |
| GE 2500 | | | 68.3 | 69.7 | 71.3 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.7 | 72.7 | 72.7 | 72.9 | 72.9 | 72.9 |
| GE 2000 | | | 70.6 | 72.5 | 74.2 | 75.2 | 75.2 | 75.4 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 |
| GE 1800 | | | 70.8 | 72.7 | 74.3 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 |
| GE 1600 | | | 72.9 | 75.0 | 77.0 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 |
| GE 1400 | | | 74.0 | 76.1 | 78.4 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 |
| GE 1200 | | | 75.6 | 77.9 | 80.2 | 81.3 | 81.3 | 81.5 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 82.0 | 82.0 | 82.0 |
| GE 1000 | | | 75.9 | 78.3 | 80.6 | 81.6 | 81.6 | 81.8 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 |
| GE 900 | | | 76.3 | 79.0 | 81.5 | 82.7 | 82.7 | 82.9 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 |
| GE 800 | | | 76.3 | 79.1 | 81.6 | 83.2 | 83.2 | 83.4 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 |
| GE 700 | | | 78.1 | 81.6 | 84.8 | 86.1 | 86.2 | 86.4 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 |
| GE 600 | | | 78.8 | 82.7 | 86.3 | 89.7 | 90.0 | 90.9 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 92.0 | 92.0 | 92.0 |
| GE 500 | | | 79.1 | 83.2 | 87.5 | 91.1 | 91.8 | 91.6 | 91.1 | 90.3 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 |
| GE 400 | | | 79.1 | 83.4 | 88.1 | 92.1 | 92.9 | 94.0 | 95.5 | 95.9 | 96.0 | 96.0 | 96.0 | 97.1 | 97.1 | 97.1 |
| GE 300 | | | 79.1 | 83.4 | 88.1 | 92.1 | 92.9 | 94.0 | 95.5 | 95.9 | 96.0 | 96.0 | 96.0 | 97.1 | 97.1 | 97.1 |
| GE 200 | | | 79.1 | 83.4 | 88.1 | 92.1 | 92.9 | 94.0 | 95.5 | 95.9 | 96.0 | 96.0 | 96.0 | 97.1 | 97.1 | 97.1 |
| GE 100 | | | 79.1 | 83.4 | 88.1 | 92.1 | 92.9 | 94.0 | 95.5 | 95.9 | 96.0 | 96.0 | 96.0 | 97.1 | 97.1 | 97.1 |
| GE 0 | | | 79.1 | 83.4 | 88.1 | 92.1 | 92.9 | 94.0 | 95.5 | 95.9 | 96.0 | 96.0 | 96.0 | 97.1 | 97.1 | 97.1 |

TOTAL NUMBER OF OBSERVATIONS: 561

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722190 STATION NAME: FT POLK LA

PERIOD OF RECORD: 42-87
MONTH: JAN HOURS/EST: 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|-----------|---------|
| | GE 1 | GE 10 | GE 1 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 1/4 | GE 0 |
| NO CEIL | | 45.3 | 47.3 | 47.7 | 48.7 | 49.3 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 50.0 |
| GE 20000 | | 47.7 | 49.6 | 50.0 | 51.1 | 51.6 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 52.5 |
| GE 18000 | | 47.7 | 49.6 | 50.0 | 51.1 | 51.6 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 52.5 |
| GE 16000 | | 48.2 | 50.2 | 50.5 | 51.6 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.5 |
| GE 14000 | | 48.2 | 50.2 | 50.5 | 51.6 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.5 |
| GE 12000 | | 48.4 | 50.4 | 50.7 | 51.9 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| GE 10000 | | 49.6 | 51.6 | 52.0 | 53.0 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 54.5 |
| GE 9000 | | 50.7 | 52.7 | 53.0 | 54.1 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| GE 8000 | | 52.5 | 54.5 | 54.8 | 55.9 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| GE 7000 | | 53.9 | 55.9 | 56.3 | 57.7 | 57.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| GE 6000 | | 54.7 | 56.6 | 57.0 | 58.1 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| GE 5000 | | 57.0 | 59.1 | 59.5 | 60.6 | 61.1 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 4500 | | 59.0 | 61.3 | 61.6 | 62.7 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| GE 4000 | | 60.8 | 63.1 | 63.4 | 64.7 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 3500 | | 61.5 | 63.8 | 64.7 | 65.9 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| GE 3000 | | 62.2 | 64.5 | 65.6 | 66.8 | 67.4 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 2500 | | 64.3 | 66.7 | 67.7 | 69.0 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 2000 | | 65.9 | 68.5 | 69.7 | 71.0 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| GE 1800 | | 65.9 | 68.6 | 69.9 | 71.1 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 1500 | | 67.4 | 70.3 | 71.7 | 73.1 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 1200 | | 68.6 | 71.4 | 72.9 | 74.7 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| GE 1000 | | 70.3 | 73.3 | 75.1 | 76.7 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| GE 900 | | 71.0 | 74.0 | 75.8 | 77.4 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| GE 800 | | 71.7 | 75.1 | 77.2 | 78.9 | 79.4 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 700 | | 72.0 | 75.6 | 78.3 | 80.1 | 80.8 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 600 | | 73.3 | 77.4 | 80.6 | 83.3 | 84.1 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 500 | | 74.7 | 79.4 | 83.2 | 86.7 | 87.5 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 400 | | 75.4 | 80.4 | 84.4 | 88.7 | 89.8 | 91.0 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 300 | | 75.6 | 80.5 | 84.9 | 89.2 | 90.5 | 91.5 | 93.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 200 | | 75.6 | 80.5 | 84.9 | 89.2 | 90.5 | 91.5 | 93.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 100 | | 75.6 | 80.5 | 84.9 | 89.2 | 90.5 | 91.5 | 93.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 01 | | 75.6 | 80.5 | 84.9 | 89.2 | 90.5 | 91.5 | 93.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLA LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS/IST: 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GF 0 |
| NO CEIL | 1 | 1.5 | 34.1 | 35.9 | 36.9 | 38.1 | 38.8 | 39.6 | 39.6 | 39.8 | 39.9 | 40.0 | 40.0 | 40.0 | 40.2 | 40.6 | 41.3 |
| GE 10000 | 1.5 | 36.9 | 38.8 | 40.0 | 41.5 | 41.9 | 42.7 | 42.8 | 42.8 | 42.9 | 43.1 | 43.1 | 43.3 | 43.3 | 43.5 | 43.9 | 44.4 |
| GE 10000 | 1.5 | 37.1 | 39.1 | 40.2 | 41.8 | 42.1 | 42.9 | 43.1 | 43.1 | 43.2 | 43.3 | 43.3 | 43.3 | 43.3 | 43.5 | 43.9 | 44.6 |
| GE 10000 | 1.5 | 37.1 | 39.2 | 40.4 | 41.9 | 42.2 | 43.1 | 43.2 | 43.2 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.6 | 44.0 | 44.7 |
| GE 10000 | 1.5 | 37.6 | 39.5 | 40.7 | 42.2 | 42.6 | 43.4 | 43.5 | 43.5 | 43.6 | 43.8 | 43.8 | 43.8 | 43.8 | 44.0 | 44.4 | 45.1 |
| GE 12000 | 1.5 | 38.8 | 40.5 | 41.6 | 43.2 | 43.5 | 44.4 | 44.5 | 44.5 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.9 | 45.3 | 46.0 |
| GE 10000 | 1.5 | 40.1 | 42.2 | 43.4 | 44.9 | 45.3 | 46.1 | 46.2 | 46.2 | 46.4 | 46.5 | 46.5 | 46.5 | 46.5 | 46.7 | 47.1 | 47.8 |
| GE 9000 | 1.5 | 40.6 | 42.7 | 43.9 | 45.4 | 45.8 | 46.6 | 46.7 | 46.7 | 46.8 | 46.9 | 46.9 | 46.9 | 46.9 | 47.2 | 47.5 | 48.2 |
| GE 8000 | 1.5 | 42.1 | 44.1 | 45.4 | 47.1 | 47.6 | 48.5 | 48.6 | 48.6 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 49.1 | 49.4 | 50.1 |
| GE 7000 | 1.5 | 43.4 | 45.6 | 46.8 | 48.7 | 49.2 | 50.0 | 50.1 | 50.1 | 50.2 | 50.4 | 50.4 | 50.4 | 50.4 | 50.6 | 50.9 | 51.6 |
| GE 6000 | 1.5 | 44.1 | 46.5 | 47.6 | 49.5 | 50.0 | 50.8 | 50.9 | 50.9 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.4 | 51.8 | 52.5 |
| GE 5000 | 1.5 | 45.9 | 48.7 | 50.1 | 52.2 | 52.7 | 53.5 | 53.6 | 53.6 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 54.1 | 54.5 | 55.2 |
| GE 4500 | 1.5 | 47.4 | 50.6 | 52.0 | 54.1 | 54.6 | 55.4 | 55.5 | 55.5 | 55.6 | 55.8 | 55.8 | 55.8 | 55.8 | 56.0 | 56.4 | 57.1 |
| GE 4000 | 1.5 | 49.5 | 52.7 | 54.2 | 56.6 | 57.1 | 57.9 | 58.0 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.5 | 58.8 | 59.5 |
| GE 3500 | 1.5 | 50.5 | 53.8 | 55.3 | 57.9 | 58.4 | 59.2 | 59.3 | 59.3 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.8 | 60.1 | 60.8 |
| GE 3000 | 1.5 | 52.0 | 55.5 | 57.3 | 60.0 | 60.6 | 61.4 | 61.5 | 61.5 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 62.0 | 62.4 | 63.1 |
| GE 2500 | 1.5 | 53.4 | 57.1 | 58.8 | 61.8 | 62.4 | 63.2 | 63.4 | 63.4 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.9 | 64.2 | 64.9 |
| GE 2000 | 1.5 | 55.3 | 58.9 | 60.9 | 63.9 | 64.6 | 65.4 | 65.6 | 65.6 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 66.1 | 66.5 | 67.2 |
| GE 1800 | 1.5 | 56.8 | 59.5 | 61.6 | 64.6 | 65.3 | 66.2 | 66.5 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.9 | 67.3 | 68.0 |
| GE 1500 | 1.5 | 58.1 | 62.1 | 64.6 | 67.5 | 68.2 | 70.0 | 70.2 | 70.2 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.7 | 71.1 | 71.8 |
| GE 1200 | 1.5 | 59.4 | 63.5 | 66.1 | 69.5 | 70.4 | 71.8 | 72.0 | 72.0 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.5 | 72.8 | 73.5 |
| GE 1000 | 1.5 | 59.6 | 63.9 | 66.8 | 70.4 | 71.2 | 72.7 | 73.1 | 73.1 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.9 | 74.6 |
| GE 900 | 1.5 | 60.5 | 64.9 | 68.4 | 72.2 | 73.3 | 74.9 | 75.3 | 75.3 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.8 | 76.1 | 77.2 |
| GE 800 | 1.5 | 60.7 | 65.6 | 69.2 | 73.3 | 74.5 | 76.1 | 76.5 | 76.5 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.9 | 77.3 | 78.4 |
| GE 700 | 1.5 | 61.5 | 66.9 | 70.9 | 75.3 | 76.5 | 78.2 | 78.8 | 78.9 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 | 79.8 | 80.8 |
| GE 600 | 1.5 | 61.9 | 67.4 | 72.1 | 77.1 | 78.2 | 80.2 | 81.1 | 81.2 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.8 | 82.1 | 83.2 |
| GE 500 | 1.5 | 62.2 | 68.1 | 73.2 | 78.2 | 80.1 | 82.1 | 83.5 | 83.8 | 84.0 | 84.1 | 84.1 | 84.1 | 84.2 | 84.5 | 84.8 | 86.0 |
| GE 400 | 1.5 | 62.7 | 68.9 | 74.2 | 80.0 | 82.4 | 85.4 | 87.1 | 87.4 | 87.6 | 88.0 | 88.0 | 88.0 | 88.1 | 88.4 | 88.7 | 90.0 |
| GE 300 | 1.5 | 62.8 | 69.2 | 74.8 | 81.2 | 83.6 | 87.1 | 90.4 | 90.8 | 91.3 | 91.8 | 91.8 | 91.8 | 92.2 | 92.5 | 93.5 | 94.8 |
| GE 200 | 1.5 | 62.8 | 69.2 | 74.8 | 81.2 | 83.8 | 87.3 | 90.9 | 91.8 | 92.7 | 93.3 | 93.4 | 93.4 | 93.4 | 93.9 | 94.4 | 96.1 |
| GE 100 | 1.5 | 62.8 | 69.2 | 74.8 | 81.3 | 83.8 | 87.3 | 91.1 | 91.9 | 92.8 | 93.4 | 93.5 | 93.5 | 93.5 | 94.5 | 97.2 | 99.4 |
| GE 0 | 1.5 | 62.8 | 69.2 | 74.8 | 81.3 | 83.8 | 87.3 | 91.1 | 91.9 | 92.8 | 93.4 | 93.5 | 93.5 | 93.5 | 94.5 | 97.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 450

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0900-1100

| CEILING IN FEET | GE | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----|-----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|
| | | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| NO CEIL | .5 | 37.7 | 39.1 | 39.5 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.3 |
| GE 20000 | .5 | 41.9 | 43.4 | 43.8 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.7 |
| GE 18000 | .5 | 41.9 | 43.4 | 43.8 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.7 |
| GE 16000 | .5 | 42.0 | 43.6 | 43.9 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.8 |
| GE 14000 | .5 | 42.9 | 44.4 | 44.7 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.6 |
| GE 12000 | .5 | 43.8 | 45.4 | 45.8 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.7 |
| GE 10000 | .5 | 45.5 | 47.2 | 47.5 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.4 |
| GE 9000 | .5 | 46.3 | 48.1 | 48.4 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.4 |
| GE 8000 | .5 | 49.4 | 51.2 | 51.8 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.7 |
| GE 7000 | .5 | 50.6 | 52.6 | 53.3 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.4 |
| GE 6000 | .5 | 51.7 | 53.7 | 54.4 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.4 |
| GE 5000 | .5 | 53.3 | 55.7 | 56.4 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 58.1 |
| GE 4500 | .5 | 54.8 | 57.4 | 58.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.7 |
| GE 4000 | .5 | 56.9 | 59.5 | 60.2 | 61.4 | 61.4 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 62.0 |
| GE 3500 | .5 | 58.2 | 60.7 | 61.4 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.3 |
| GE 3000 | .5 | 59.3 | 61.9 | 62.7 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.7 |
| GE 2500 | .5 | 60.3 | 62.8 | 63.8 | 65.3 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 66.0 |
| GE 2000 | .5 | 62.5 | 65.3 | 66.4 | 68.1 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 69.1 |
| GE 1800 | .5 | 63.4 | 66.3 | 67.6 | 69.2 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.4 |
| GE 1500 | .5 | 65.4 | 68.4 | 69.9 | 71.8 | 72.2 | 72.2 | 72.4 | 72.5 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 73.2 |
| GE 1200 | .5 | 67.0 | 70.4 | 72.1 | 74.2 | 74.7 | 74.7 | 75.1 | 75.3 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 76.2 |
| GE 1000 | .5 | 68.5 | 72.0 | 74.2 | 76.4 | 76.9 | 77.4 | 77.7 | 77.8 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.7 |
| GE 900 | .5 | 69.0 | 72.7 | 75.4 | 78.2 | 78.7 | 79.2 | 79.7 | 79.8 | 80.3 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.8 |
| GE 800 | .5 | 69.1 | 73.4 | 76.3 | 79.1 | 79.7 | 80.6 | 81.1 | 81.2 | 81.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.2 |
| GE 700 | .5 | 69.5 | 74.2 | 77.5 | 80.5 | 81.5 | 82.7 | 83.4 | 83.5 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.6 |
| GE 600 | .5 | 69.8 | 74.7 | 78.4 | 81.8 | 83.2 | 84.4 | 85.1 | 85.4 | 85.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.4 |
| GE 500 | .5 | 70.3 | 75.4 | 79.4 | 83.6 | 85.5 | 86.9 | 87.9 | 88.4 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.5 |
| GE 400 | .5 | 70.6 | 76.0 | 80.3 | 85.4 | 87.6 | 89.4 | 91.3 | 92.0 | 93.1 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 | 94.0 |
| GE 300 | .5 | 70.6 | 76.1 | 80.6 | 85.8 | 88.3 | 90.2 | 92.7 | 93.7 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.8 |
| GE 200 | .5 | 70.6 | 76.1 | 80.6 | 85.8 | 88.3 | 90.2 | 92.8 | 94.0 | 95.8 | 96.7 | 96.9 | 97.3 | 97.7 | 97.7 | 97.7 | 97.9 |
| GE 100 | .5 | 70.6 | 76.1 | 80.6 | 85.8 | 88.3 | 90.2 | 92.8 | 94.0 | 95.8 | 96.7 | 96.9 | 97.3 | 97.7 | 97.7 | 97.7 | 97.9 |
| GE 0 | .5 | 70.6 | 76.1 | 80.6 | 85.8 | 88.3 | 90.2 | 92.8 | 94.0 | 95.8 | 96.7 | 96.9 | 97.3 | 97.7 | 97.7 | 97.7 | 97.9 |

TOTAL NUMBER OF OBSERVATIONS: 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 1.5 | 42.6 | 43.1 | 43.1 | 43.1 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| GE 20000 | 1.7 | 49.0 | 49.5 | 49.5 | 49.6 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| GE 18000 | 1.7 | 49.0 | 49.5 | 49.5 | 49.6 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| GE 16000 | 1.7 | 49.1 | 49.6 | 49.6 | 49.7 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| GE 14000 | 1.7 | 50.1 | 50.5 | 50.5 | 50.7 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| GE 12000 | 1.7 | 51.1 | 51.6 | 51.6 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| GE 10000 | 1.7 | 52.7 | 53.1 | 53.1 | 53.3 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| GE 9000 | 1.7 | 53.6 | 54.1 | 54.1 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| GE 8000 | 1.7 | 55.9 | 56.5 | 56.5 | 56.6 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| GE 7000 | 1.7 | 57.4 | 58.0 | 58.0 | 58.1 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| GE 6000 | 1.7 | 59.0 | 59.5 | 59.5 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 5000 | 1.7 | 59.9 | 60.5 | 60.5 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| GE 4500 | 1.7 | 61.7 | 62.4 | 62.5 | 62.6 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| GE 4000 | 1.7 | 63.2 | 64.1 | 64.2 | 64.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 3500 | 1.7 | 64.2 | 65.0 | 65.1 | 65.2 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 3000 | 1.7 | 67.1 | 68.2 | 68.3 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| GE 2500 | 1.7 | 69.4 | 70.6 | 70.8 | 71.1 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 2000 | 1.7 | 73.0 | 74.4 | 74.6 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| GE 1800 | 1.7 | 73.7 | 75.1 | 75.3 | 75.6 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| GE 1500 | 1.7 | 75.2 | 77.6 | 77.8 | 78.1 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| GE 1200 | 1.7 | 77.0 | 79.8 | 80.1 | 80.4 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 1000 | 1.7 | 78.4 | 81.7 | 82.2 | 82.6 | 83.0 | 83.5 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 900 | 1.7 | 78.8 | 82.4 | 83.0 | 83.4 | 84.0 | 84.7 | 84.8 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 800 | 1.7 | 79.2 | 82.9 | 84.1 | 84.7 | 85.5 | 86.2 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 700 | 1.7 | 80.1 | 83.7 | 85.4 | 86.5 | 87.5 | 88.4 | 88.6 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 600 | 1.7 | 80.4 | 84.6 | 86.6 | 88.5 | 89.8 | 90.9 | 91.2 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 500 | 1.7 | 80.5 | 84.7 | 87.4 | 89.7 | 91.6 | 92.9 | 94.4 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 400 | 1.7 | 80.7 | 84.9 | 87.7 | 90.1 | 92.3 | 94.2 | 96.6 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 300 | 1.7 | 80.7 | 84.9 | 87.8 | 90.4 | 92.4 | 94.4 | 97.3 | 98.1 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 200 | 1.7 | 80.7 | 84.9 | 87.8 | 90.4 | 92.4 | 94.4 | 97.4 | 98.2 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 |
| GE 100 | 1.7 | 80.7 | 84.9 | 87.8 | 90.5 | 92.5 | 94.5 | 97.5 | 98.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 |
| GE 0 | 1.7 | 80.7 | 84.9 | 87.8 | 90.5 | 92.5 | 94.5 | 97.5 | 98.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .5 | 42.6 | 43.3 | 43.3 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| GE 20000 | .5 | 49.7 | 50.5 | 50.5 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| GE 18000 | .5 | 50.2 | 51.0 | 51.0 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| GE 16000 | .5 | 50.2 | 51.0 | 51.0 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 |
| GE 14000 | .5 | 50.7 | 51.5 | 51.5 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| GE 12000 | .5 | 52.7 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| GE 10000 | .5 | 54.7 | 55.5 | 55.5 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| GE 9000 | .5 | 55.0 | 55.9 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| GE 8000 | .5 | 57.1 | 57.9 | 57.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| GE 7000 | .5 | 58.7 | 59.9 | 59.9 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| GE 6000 | .5 | 59.3 | 60.7 | 60.7 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| GE 5000 | .5 | 63.0 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| GE 4500 | .5 | 64.5 | 66.0 | 66.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 4000 | .5 | 67.3 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 3500 | .5 | 68.9 | 70.5 | 70.5 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 3000 | .5 | 71.3 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 2500 | .5 | 74.3 | 76.0 | 76.0 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 2000 | .5 | 76.5 | 78.3 | 78.4 | 78.6 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 1800 | .5 | 76.9 | 79.0 | 79.1 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| GE 1500 | .5 | 78.5 | 80.7 | 80.8 | 81.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE 1200 | .5 | 79.7 | 82.0 | 82.2 | 82.4 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 1000 | .5 | 80.1 | 83.0 | 83.7 | 84.1 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 900 | .5 | 80.3 | 83.3 | 84.3 | 84.9 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 800 | .5 | 80.8 | 83.9 | 85.1 | 85.8 | 86.4 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 |
| GE 700 | .5 | 82.0 | 85.2 | 86.8 | 87.8 | 88.4 | 88.6 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 |
| GE 600 | .5 | 82.2 | 85.5 | 87.9 | 89.6 | 90.4 | 91.0 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 |
| GE 500 | .5 | 82.8 | 86.4 | 89.0 | 91.2 | 92.4 | 93.8 | 95.1 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 |
| GE 400 | .5 | 82.8 | 86.4 | 89.0 | 91.3 | 92.9 | 94.9 | 96.3 | 96.8 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 |
| GE 300 | .5 | 82.8 | 86.4 | 89.0 | 91.3 | 92.9 | 94.9 | 96.4 | 97.3 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 |
| GE 200 | .5 | 82.8 | 86.4 | 89.0 | 91.3 | 92.9 | 94.9 | 96.6 | 97.5 | 98.9 | 99.2 | 99.3 | 99.5 | 99.5 | 99.6 | 99.9 |
| GE 100 | .5 | 82.8 | 86.4 | 89.0 | 91.3 | 92.9 | 94.9 | 96.6 | 97.5 | 98.9 | 99.2 | 99.3 | 99.5 | 99.5 | 99.6 | 100.0 |
| GE 01 | .5 | 82.8 | 86.4 | 89.0 | 91.3 | 92.9 | 94.9 | 96.6 | 97.5 | 98.9 | 99.2 | 99.3 | 99.5 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1800-2000

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|------|-----------------------------|------|------|------|------|------|----------|------|--------|------|--------|--------|--------|---------|--------|-------|
| IN | FEET | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 | GE 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 46.7 | 47.9 | 48.3 | 48.5 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 46.6 |
| GE 20000 | | 52.3 | 53.5 | 53.9 | 54.0 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 18000 | | 52.4 | 53.6 | 54.0 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 16000 | | 52.4 | 53.6 | 54.0 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 14000 | | 52.5 | 53.7 | 54.2 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| GE 12000 | | 53.0 | 54.2 | 54.6 | 54.6 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| GE 10000 | | 55.1 | 56.4 | 57.0 | 57.1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| GE 9000 | | 55.2 | 56.5 | 57.1 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| GE 8000 | | 57.3 | 58.6 | 59.3 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| GE 7000 | | 59.0 | 60.4 | 61.1 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 6000 | | 59.8 | 61.3 | 62.0 | 62.1 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| GE 5000 | | 62.6 | 64.2 | 64.9 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 4500 | | 63.7 | 65.2 | 66.1 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 4000 | | 66.0 | 67.7 | 68.7 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 3500 | | 67.0 | 68.9 | 70.0 | 70.1 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 3000 | | 68.5 | 70.4 | 71.4 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 2500 | | 70.6 | 72.9 | 74.3 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 2000 | | 72.3 | 74.5 | 76.3 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 1800 | | 72.6 | 75.2 | 77.0 | 77.4 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| GE 1500 | | 74.4 | 77.6 | 79.5 | 80.1 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| GE 1200 | | 75.1 | 78.6 | 80.7 | 81.3 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| GE 1000 | | 76.0 | 79.9 | 82.4 | 83.2 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 900 | | 76.7 | 80.7 | 83.2 | 84.2 | 84.8 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 800 | | 76.9 | 81.3 | 84.2 | 85.2 | 86.1 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 700 | .1 | 77.9 | 82.3 | 85.5 | 87.0 | 88.0 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 600 | .1 | 78.0 | 82.6 | 86.3 | 87.9 | 88.9 | 89.5 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 |
| GE 500 | .1 | 78.1 | 82.7 | 86.5 | 88.8 | 89.9 | 91.2 | 91.8 | 91.9 | 92.1 | 92.1 | 92.1 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 400 | .1 | 78.1 | 82.9 | 86.8 | 89.5 | 90.6 | 92.5 | 93.8 | 94.3 | 94.9 | 94.9 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 300 | .1 | 78.1 | 82.9 | 86.8 | 89.6 | 91.0 | 93.0 | 95.1 | 95.6 | 96.7 | 96.9 | 96.9 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 200 | .1 | 78.1 | 82.9 | 86.8 | 89.9 | 91.2 | 93.2 | 95.6 | 96.1 | 97.1 | 97.7 | 97.9 | 98.3 | 98.6 | 98.7 | 99.2 | 99.2 |
| GE 100 | .1 | 78.1 | 82.9 | 86.8 | 89.8 | 91.2 | 93.2 | 95.7 | 96.2 | 97.4 | 98.0 | 98.1 | 98.7 | 99.0 | 99.3 | 99.9 | 99.9 |
| GE 0 | .1 | 78.1 | 82.9 | 86.8 | 89.8 | 91.2 | 93.2 | 95.7 | 96.2 | 97.4 | 98.0 | 98.1 | 98.7 | 99.0 | 99.3 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS: 2100-2300

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|----------|--|-----------------------------|------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| IN FEET | | GE 10 | GE 6 | GF 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GF 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GF 0 |
| NO CEIL | | | 52.9 | 53.3 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.8 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 20000 | | | 55.4 | 55.8 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| GE 18000 | | | 55.4 | 55.9 | 56.4 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| GE 16000 | | | 55.7 | 56.2 | 56.6 | 56.8 | 56.8 | 56.8 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| GE 14000 | | | 55.7 | 56.2 | 56.6 | 56.8 | 56.8 | 56.8 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| GE 12000 | | | 56.8 | 57.3 | 57.8 | 57.9 | 57.9 | 57.9 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 10000 | | | 58.2 | 58.9 | 59.3 | 59.4 | 59.4 | 59.4 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 9000 | | | 58.3 | 59.0 | 59.4 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 8000 | | | 60.1 | 60.8 | 61.3 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| GE 7000 | | | 61.8 | 62.5 | 62.9 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| GE 6000 | | | 62.8 | 63.6 | 64.2 | 64.3 | 64.3 | 64.3 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 5000 | | | 65.2 | 66.3 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| GE 4500 | | | 66.6 | 67.8 | 68.4 | 68.5 | 68.5 | 68.5 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| GE 4000 | | | 68.4 | 69.7 | 70.3 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| GE 3500 | | | 69.6 | 71.3 | 72.3 | 72.7 | 72.7 | 72.7 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| GE 3000 | | | 70.5 | 72.0 | 73.1 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 2500 | | | 71.9 | 73.4 | 74.7 | 75.2 | 75.2 | 75.2 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 2000 | | | 73.1 | 75.0 | 76.2 | 76.4 | 76.4 | 76.4 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 1800 | | | 73.6 | 75.7 | 76.9 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 1500 | | | 76.4 | 78.5 | 79.9 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| GE 1200 | | | 78.7 | 81.1 | 82.8 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 1000 | | | 79.4 | 82.0 | 83.8 | 84.8 | 84.8 | 84.8 | 84.9 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 900 | | | 80.1 | 82.7 | 84.5 | 85.7 | 85.7 | 85.7 | 85.9 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 800 | | | 81.1 | 83.8 | 85.6 | 86.9 | 86.9 | 86.9 | 87.0 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 700 | | | 81.5 | 84.3 | 86.2 | 87.8 | 88.0 | 88.1 | 88.4 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 600 | | | 81.7 | 84.8 | 87.6 | 89.7 | 89.8 | 90.1 | 90.6 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 500 | | | 82.0 | 85.2 | 88.3 | 91.0 | 91.2 | 91.6 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 400 | | | 82.0 | 85.6 | 88.8 | 92.0 | 92.6 | 93.6 | 95.0 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 300 | | | 82.1 | 85.7 | 89.1 | 92.4 | 93.1 | 94.4 | 96.1 | 96.4 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.5 | 97.6 | 97.9 |
| GE 200 | | | 82.1 | 85.9 | 89.2 | 92.6 | 93.3 | 94.5 | 96.4 | 96.6 | 97.6 | 97.9 | 97.9 | 97.9 | 98.3 | 98.5 | 98.9 | 99.3 |
| GE 100 | | | 82.1 | 85.9 | 89.2 | 92.6 | 93.3 | 94.5 | 96.4 | 96.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.5 | 98.7 | 99.4 | 99.9 |
| GF 0 | | | 82.1 | 85.9 | 89.2 | 92.6 | 93.3 | 94.5 | 96.4 | 96.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.5 | 98.7 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 | |
| NO CEIL | .4 | 43.4 | 44.5 | 45.0 | 45.5 | 45.6 | 45.8 | 45.8 | 45.8 | 45.8 | 45.9 | 45.9 | 45.9 | 45.9 | 46.0 | 46.2 | |
| GE 20000 | .4 | 47.8 | 49.0 | 49.5 | 50.0 | 50.2 | 50.3 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 | 50.5 | 50.6 | 50.7 | |
| GE 18000 | .4 | 47.9 | 49.1 | 49.6 | 50.2 | 50.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 | 50.9 | |
| GE 16000 | .4 | 48.1 | 49.3 | 49.8 | 50.3 | 50.5 | 50.6 | 50.6 | 50.6 | 50.7 | 50.7 | 50.7 | 50.7 | 50.8 | 50.9 | 51.0 | |
| GE 14000 | .4 | 48.5 | 49.6 | 50.1 | 50.7 | 50.8 | 51.0 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.4 | |
| GE 12000 | .4 | 49.4 | 50.6 | 51.1 | 51.6 | 51.8 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.1 | 52.1 | 52.2 | 52.3 | |
| GE 10000 | .4 | 51.0 | 52.3 | 52.8 | 53.4 | 53.5 | 53.6 | 53.7 | 53.7 | 53.7 | 53.9 | 53.8 | 53.8 | 53.8 | 53.9 | 54.1 | |
| GE 9000 | .4 | 51.6 | 52.9 | 53.4 | 53.9 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.7 | |
| GE 8000 | .4 | 53.8 | 55.1 | 55.6 | 56.2 | 56.4 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 | 56.8 | 56.9 | |
| GE 7000 | .4 | 55.3 | 56.7 | 57.2 | 57.8 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.6 | |
| GE 6000 | .4 | 56.1 | 57.6 | 58.2 | 58.8 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.4 | 59.6 | |
| GE 5000 | .4 | 58.4 | 60.1 | 60.7 | 61.4 | 61.6 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.2 | |
| GE 4500 | .4 | 60.0 | 61.7 | 62.4 | 63.1 | 63.3 | 63.4 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 | 63.9 | |
| GE 4000 | .4 | 62.0 | 63.9 | 64.6 | 65.4 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.2 | |
| GE 3500 | .4 | 63.2 | 65.1 | 65.9 | 66.8 | 66.9 | 67.1 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.6 | |
| GE 3000 | .4 | 64.7 | 66.7 | 67.6 | 68.5 | 68.7 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.2 | 69.3 | |
| GE 2500 | .4 | 66.4 | 68.6 | 69.6 | 70.6 | 70.8 | 70.9 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.3 | 71.4 | |
| GE 2000 | .4 | 68.6 | 70.8 | 72.0 | 73.0 | 73.3 | 73.5 | 73.5 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 74.0 | |
| GE 1800 | .4 | 69.0 | 71.5 | 72.7 | 73.7 | 74.0 | 74.2 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.7 | |
| GE 1500 | .4 | 71.0 | 73.8 | 75.1 | 76.3 | 76.7 | 76.9 | 77.0 | 77.0 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.5 | |
| GE 1200 | .4 | 72.4 | 75.4 | 76.9 | 78.2 | 78.6 | 78.9 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.4 | 79.5 | |
| GE 1000 | .4 | 73.4 | 76.7 | 78.5 | 79.9 | 80.3 | 80.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.3 | 81.5 | |
| GE 900 | .4 | 73.9 | 77.4 | 79.4 | 81.0 | 81.5 | 82.0 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.6 | 82.9 | |
| GE 800 | .4 | 74.4 | 78.1 | 80.3 | 82.1 | 82.7 | 83.3 | 83.4 | 83.5 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.9 | 84.2 | |
| GE 700 | .4 | 75.0 | 78.9 | 81.6 | 83.6 | 84.4 | 85.0 | 85.4 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.9 | 86.2 | |
| GE 600 | .4 | 75.5 | 79.7 | 83.0 | 85.6 | 86.5 | 87.4 | 87.9 | 88.0 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.5 | 88.8 | |
| GE 500 | .4 | 76.0 | 80.4 | 84.0 | 87.3 | 88.4 | 89.7 | 90.6 | 90.9 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.4 | 91.6 | |
| GE 400 | .4 | 76.2 | 80.8 | 84.6 | 88.3 | 89.8 | 91.8 | 93.2 | 93.6 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.6 | 94.9 | |
| GE 300 | .4 | 76.2 | 80.9 | 84.9 | 88.8 | 90.4 | 92.6 | 94.6 | 95.3 | 96.1 | 96.4 | 96.4 | 96.6 | 96.7 | 97.2 | 97.6 | |
| GE 200 | .4 | 76.2 | 80.9 | 84.9 | 88.8 | 90.5 | 92.7 | 94.9 | 95.6 | 96.7 | 97.2 | 97.2 | 97.8 | 98.0 | 98.6 | 99.3 | |
| GE 100 | .4 | 76.2 | 80.9 | 84.9 | 88.9 | 90.5 | 92.7 | 94.9 | 95.7 | 96.8 | 97.3 | 97.3 | 97.9 | 98.3 | 99.0 | 99.9 | |
| GE 0 | .4 | 76.2 | 80.9 | 84.9 | 88.9 | 90.5 | 92.7 | 94.9 | 95.7 | 96.8 | 97.3 | 97.3 | 97.9 | 98.3 | 99.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 6071

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: FEB HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .4 | 45.2 | 47.5 | 49.3 | 50.7 | 50.9 | 50.9 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| GE 20000 | .4 | 46.4 | 48.9 | 50.9 | 52.3 | 52.5 | 52.5 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| GE 18000 | .4 | 46.7 | 49.3 | 51.3 | 52.7 | 52.9 | 52.9 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 16000 | .4 | 46.7 | 49.3 | 51.3 | 52.7 | 52.9 | 52.9 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 14000 | .4 | 46.7 | 49.3 | 51.3 | 52.7 | 52.9 | 52.9 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 12000 | .4 | 46.9 | 49.5 | 51.5 | 52.9 | 53.1 | 53.1 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| GE 10000 | .4 | 47.7 | 50.3 | 52.3 | 53.6 | 53.8 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 9000 | .4 | 47.7 | 50.3 | 52.3 | 53.6 | 53.8 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 8000 | .4 | 49.1 | 51.7 | 53.6 | 55.0 | 55.2 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 7000 | .4 | 50.1 | 52.7 | 54.6 | 56.0 | 56.2 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| GE 6000 | .4 | 51.3 | 53.8 | 55.8 | 57.2 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 5000 | .4 | 52.5 | 55.0 | 57.2 | 58.6 | 58.8 | 58.8 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| GE 4500 | .4 | 55.4 | 58.0 | 60.7 | 62.1 | 62.3 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| GE 4000 | .4 | 57.4 | 60.2 | 62.9 | 64.3 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.9 | 64.9 | 64.9 |
| GE 3500 | .4 | 58.0 | 60.9 | 63.9 | 65.3 | 65.5 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 3000 | .4 | 59.2 | 62.3 | 65.3 | 66.7 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 |
| GE 2500 | .4 | 60.7 | 63.9 | 66.9 | 68.4 | 68.6 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 2000 | .4 | 63.9 | 67.1 | 70.2 | 72.0 | 72.2 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 |
| GE 1800 | .4 | 64.1 | 67.5 | 70.6 | 72.4 | 72.6 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 |
| GE 1500 | .4 | 66.3 | 69.6 | 72.8 | 74.6 | 74.8 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 |
| GE 1200 | .4 | 69.0 | 72.6 | 75.9 | 77.7 | 77.9 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 |
| GE 1000 | .4 | 69.6 | 73.2 | 76.5 | 78.5 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 900 | .4 | 71.2 | 74.8 | 78.1 | 80.1 | 80.3 | 80.3 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 |
| GE 800 | .4 | 73.2 | 76.9 | 81.1 | 83.6 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 700 | .4 | 74.6 | 78.9 | 83.6 | 86.6 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 600 | .4 | 74.8 | 79.1 | 84.2 | 87.8 | 88.0 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 500 | .4 | 75.7 | 80.3 | 86.0 | 90.7 | 90.9 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 400 | .4 | 76.1 | 81.7 | 88.0 | 93.5 | 94.5 | 95.1 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 300 | .4 | 76.3 | 82.1 | 88.4 | 94.5 | 95.7 | 96.4 | 97.4 | 97.6 | 97.8 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 200 | .4 | 76.3 | 82.1 | 88.4 | 94.7 | 95.9 | 96.6 | 97.6 | 97.8 | 98.4 | 99.0 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 |
| GE 100 | .4 | 76.3 | 82.1 | 88.4 | 94.7 | 95.9 | 96.6 | 97.6 | 97.8 | 98.4 | 99.0 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 |
| GE 0 | .4 | 76.3 | 82.1 | 88.4 | 94.7 | 95.9 | 96.6 | 97.6 | 97.8 | 98.4 | 99.0 | 99.0 | 99.2 | 99.2 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: FEB HOURS/SLT: 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 32.3 | 35.7 | 37.5 | 38.9 | 36.9 | 39.6 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.6 |
| GE 20000 | | 33.9 | 37.5 | 39.6 | 41.0 | 41.0 | 41.8 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.2 | 42.8 |
| GE 18000 | | 33.9 | 37.5 | 39.6 | 41.0 | 41.0 | 41.8 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.2 | 42.8 |
| GE 16000 | | 33.9 | 37.5 | 39.6 | 41.0 | 41.0 | 41.8 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.2 | 42.8 |
| GE 14000 | | 33.9 | 37.5 | 39.6 | 41.0 | 41.0 | 41.8 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.2 | 42.8 |
| GE 12000 | | 33.9 | 37.5 | 39.6 | 41.0 | 41.0 | 41.8 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.2 | 42.8 |
| GE 10000 | | 35.1 | 38.9 | 41.0 | 42.4 | 42.4 | 43.2 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.6 | 44.2 |
| GE 9000 | | 35.1 | 38.9 | 41.0 | 42.4 | 42.4 | 43.2 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.6 | 44.2 |
| GE 8000 | | 36.3 | 40.0 | 42.2 | 43.6 | 43.6 | 44.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.8 | 45.4 |
| GE 7000 | | 36.5 | 40.2 | 42.4 | 43.8 | 43.8 | 44.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 45.0 | 45.6 |
| GE 6000 | | 38.3 | 42.0 | 44.4 | 45.8 | 45.8 | 46.5 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.9 | 47.5 |
| GE 5000 | | 40.6 | 44.6 | 46.9 | 48.3 | 48.3 | 49.1 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.5 | 50.1 |
| GE 4500 | | 43.4 | 47.3 | 49.9 | 51.3 | 51.3 | 52.1 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.5 | 53.1 |
| GE 4000 | | 44.6 | 48.5 | 51.1 | 52.5 | 52.5 | 53.3 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.6 | 54.2 |
| GE 3500 | | 46.4 | 50.3 | 52.9 | 54.4 | 54.4 | 55.2 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 56.2 |
| GE 3000 | | 48.9 | 52.9 | 55.6 | 57.4 | 57.4 | 58.2 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.6 | 59.2 |
| GE 2500 | | 50.5 | 54.4 | 57.2 | 59.2 | 59.2 | 60.0 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.4 | 60.9 |
| GE 2000 | | 53.3 | 57.6 | 60.4 | 62.3 | 62.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.7 | 64.3 |
| GE 1800 | | 53.3 | 57.6 | 60.4 | 62.3 | 62.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.7 | 64.3 |
| GE 1500 | | 56.2 | 60.7 | 63.5 | 65.5 | 65.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.9 | 67.5 |
| GE 1200 | | 58.8 | 63.3 | 66.7 | 68.8 | 68.8 | 69.8 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.8 |
| GE 1000 | | 60.7 | 65.3 | 69.2 | 71.6 | 71.6 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 73.0 | 73.6 |
| GE 900 | | 62.7 | 67.3 | 71.2 | 73.6 | 73.6 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.0 | 75.5 |
| GE 800 | | 63.9 | 68.4 | 73.0 | 75.5 | 75.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.9 | 77.5 |
| GE 700 | | 65.5 | 70.4 | 75.3 | 78.3 | 78.3 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 80.1 | 80.7 |
| GE 600 | | 65.7 | 71.6 | 76.9 | 79.9 | 79.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.4 | 83.0 |
| GE 500 | | 67.1 | 73.6 | 79.1 | 82.2 | 82.2 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 86.0 | 86.6 |
| GE 400 | | 67.5 | 74.4 | 80.1 | 83.8 | 83.8 | 88.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 90.1 | 90.9 |
| GE 300 | | 67.5 | 74.8 | 80.5 | 84.4 | 84.4 | 89.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 | 91.9 |
| GE 200 | | 67.5 | 74.8 | 80.5 | 84.4 | 84.4 | 89.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 | 91.9 |
| GE 100 | | 67.5 | 74.8 | 80.5 | 84.4 | 84.4 | 89.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 | 91.9 |
| GE 0 | | 67.5 | 74.8 | 80.5 | 84.4 | 84.4 | 89.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 | 91.9 |

TOTAL NUMBER OF OBSERVATIONS: 507

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(1511): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 27.3 | 29.8 | 31.3 | 33.1 | 33.1 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.5 | 33.6 | 34.3 |
| GE 20000 | 29.0 | 31.7 | 33.5 | 35.3 | 35.3 | 35.6 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.8 | 36.1 | 37.0 |
| GE 18000 | 29.0 | 31.8 | 33.9 | 35.7 | 35.7 | 36.0 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.2 | 36.5 | 37.4 |
| GE 16000 | 29.0 | 31.8 | 33.9 | 35.7 | 35.7 | 36.0 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.2 | 36.5 | 37.4 |
| GE 14000 | 29.1 | 32.1 | 34.2 | 36.1 | 36.0 | 36.2 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.5 | 36.7 | 37.6 |
| GE 12000 | 29.1 | 32.1 | 34.2 | 36.0 | 36.1 | 36.4 | 36.5 | 36.5 | 36.5 | 36.6 | 36.6 | 36.6 | 36.6 | 36.7 | 37.0 | 37.9 |
| GE 10000 | 30.3 | 33.5 | 36.0 | 37.8 | 37.9 | 38.2 | 38.3 | 38.3 | 38.4 | 38.6 | 38.6 | 38.6 | 38.6 | 38.7 | 39.1 | 40.0 |
| GE 9000 | 30.7 | 33.9 | 36.4 | 38.2 | 38.3 | 38.6 | 38.7 | 38.7 | 38.8 | 39.0 | 38.9 | 38.9 | 38.9 | 39.1 | 39.5 | 40.4 |
| GE 8000 | 32.2 | 35.4 | 37.9 | 39.7 | 39.8 | 40.2 | 40.4 | 40.4 | 40.5 | 40.9 | 40.8 | 40.8 | 40.8 | 40.9 | 41.3 | 42.2 |
| GE 7000 | 32.7 | 36.0 | 38.4 | 40.2 | 40.4 | 40.8 | 40.9 | 40.9 | 41.0 | 41.3 | 41.3 | 41.3 | 41.3 | 41.4 | 41.8 | 42.7 |
| GE 6000 | 33.1 | 36.5 | 38.9 | 40.8 | 40.9 | 41.3 | 41.4 | 41.4 | 41.5 | 41.8 | 41.8 | 41.8 | 41.8 | 41.9 | 42.3 | 43.2 |
| GE 5000 | 35.2 | 38.7 | 41.1 | 42.9 | 43.2 | 43.6 | 43.7 | 43.7 | 43.9 | 44.1 | 44.1 | 44.1 | 44.1 | 44.2 | 44.6 | 45.5 |
| GE 4500 | 37.5 | 41.0 | 43.6 | 45.4 | 45.7 | 46.1 | 46.2 | 46.2 | 46.3 | 46.6 | 46.6 | 46.6 | 46.6 | 46.7 | 47.1 | 48.0 |
| GE 4000 | 39.2 | 42.9 | 45.5 | 47.3 | 47.6 | 48.1 | 48.3 | 48.3 | 48.5 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 49.3 | 50.2 |
| GE 3500 | 41.1 | 45.0 | 48.1 | 50.1 | 50.3 | 50.8 | 51.0 | 51.0 | 51.2 | 51.5 | 51.5 | 51.5 | 51.6 | 51.7 | 52.1 | 53.0 |
| GE 3000 | 42.7 | 47.0 | 50.2 | 52.3 | 52.5 | 53.0 | 53.2 | 53.2 | 53.4 | 53.7 | 53.7 | 53.7 | 53.8 | 53.9 | 54.5 | 55.4 |
| GE 2500 | 43.9 | 48.1 | 51.6 | 53.9 | 54.2 | 54.7 | 54.9 | 54.9 | 55.1 | 55.4 | 55.4 | 55.5 | 55.6 | 55.6 | 56.3 | 57.2 |
| GE 2000 | 47.5 | 52.3 | 56.1 | 58.5 | 58.9 | 59.4 | 59.6 | 59.6 | 59.9 | 60.2 | 60.2 | 60.3 | 60.4 | 60.4 | 61.1 | 62.0 |
| GE 1800 | 48.1 | 52.9 | 56.8 | 59.1 | 59.5 | 60.0 | 60.3 | 60.3 | 60.5 | 60.8 | 60.8 | 60.9 | 61.1 | 61.1 | 61.7 | 62.6 |
| GE 1500 | 49.9 | 55.1 | 59.4 | 61.8 | 62.4 | 63.0 | 63.3 | 63.3 | 63.5 | 63.8 | 63.8 | 64.0 | 64.2 | 64.2 | 64.8 | 65.7 |
| GE 1200 | 52.8 | 58.5 | 62.7 | 65.7 | 66.2 | 66.9 | 67.1 | 67.1 | 67.5 | 67.8 | 67.8 | 68.0 | 68.2 | 68.2 | 68.8 | 69.7 |
| GE 1000 | 54.1 | 60.4 | 65.1 | 68.6 | 69.3 | 70.2 | 70.9 | 70.9 | 71.3 | 71.5 | 71.5 | 71.8 | 71.9 | 72.6 | 73.5 | |
| GE 900 | 54.9 | 61.4 | 66.1 | 70.7 | 70.8 | 71.7 | 72.3 | 72.3 | 72.7 | 73.0 | 73.0 | 73.2 | 73.4 | 74.0 | 74.9 | |
| GE 800 | 55.6 | 62.6 | 67.5 | 71.4 | 72.2 | 73.1 | 73.9 | 73.9 | 74.3 | 74.5 | 74.6 | 74.9 | 75.0 | 75.7 | 76.6 | |
| GE 700 | 57.4 | 64.9 | 70.4 | 74.5 | 75.4 | 76.7 | 77.5 | 77.5 | 77.9 | 78.1 | 78.3 | 78.5 | 78.7 | 79.3 | 80.2 | |
| GE 600 | 58.0 | 65.6 | 71.3 | 76.1 | 77.1 | 78.4 | 79.4 | 79.6 | 79.9 | 80.2 | 80.3 | 80.6 | 80.7 | 81.4 | 82.3 | |
| GE 500 | 58.5 | 66.5 | 72.3 | 77.9 | 79.0 | 80.7 | 82.0 | 82.1 | 82.9 | 83.2 | 83.3 | 83.6 | 83.7 | 84.3 | 85.4 | |
| GE 400 | 58.9 | 67.3 | 73.1 | 79.3 | 81.1 | 83.2 | 85.0 | 85.4 | 86.8 | 87.1 | 87.2 | 87.5 | 87.7 | 88.5 | 89.8 | |
| GE 300 | 59.0 | 67.4 | 73.2 | 79.6 | 81.6 | 84.0 | 86.2 | 86.7 | 88.5 | 89.0 | 89.1 | 89.5 | 89.9 | 90.9 | 92.2 | |
| GE 200 | 59.0 | 67.4 | 73.2 | 79.6 | 81.6 | 84.3 | 86.5 | 87.1 | 89.4 | 90.4 | 90.7 | 91.6 | 92.8 | 94.0 | 96.8 | |
| GE 100 | 59.0 | 67.4 | 73.2 | 79.6 | 81.6 | 84.3 | 86.5 | 87.1 | 89.5 | 90.6 | 90.9 | 92.1 | 93.4 | 95.1 | 99.1 | |
| GE 0 | 59.0 | 67.4 | 73.2 | 79.6 | 81.6 | 84.3 | 86.5 | 87.1 | 89.5 | 90.6 | 90.9 | 92.1 | 93.4 | 95.1 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 1/16 | GE 1/4 |
| NO CEIL | .3 | 34.5 | 35.8 | 36.4 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.7 |
| GE 20000 | .3 | 39.3 | 40.6 | 41.4 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.6 | 41.6 | 41.6 | 41.6 | 41.8 |
| GE 18000 | .3 | 40.1 | 41.4 | 42.1 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.4 | 42.4 | 42.4 | 42.4 | 42.5 |
| GE 16000 | .3 | 40.2 | 41.5 | 42.3 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.5 | 42.5 | 42.5 | 42.5 | 42.6 |
| GE 14000 | .3 | 40.2 | 41.5 | 42.3 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.5 | 42.5 | 42.5 | 42.5 | 42.6 |
| GE 12000 | .3 | 40.6 | 41.9 | 42.8 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 43.0 | 43.0 | 43.0 | 43.0 | 43.1 |
| GE 10000 | .4 | 41.8 | 43.4 | 44.4 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.7 | 44.7 | 44.7 | 44.7 | 44.8 |
| GE 9000 | .4 | 42.8 | 44.4 | 45.4 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.8 |
| GE 8000 | .4 | 44.9 | 46.6 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 48.0 | 48.0 | 48.0 | 48.0 | 48.1 |
| GE 7000 | .4 | 45.8 | 47.6 | 48.7 | 49.0 | 49.0 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 |
| GE 6000 | .4 | 47.0 | 48.7 | 49.9 | 50.1 | 50.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.6 |
| GE 5000 | .4 | 49.2 | 51.0 | 52.4 | 52.7 | 52.7 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.2 |
| GE 4500 | .4 | 50.1 | 52.0 | 53.4 | 53.7 | 53.7 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 |
| GE 4000 | .4 | 51.9 | 53.8 | 55.2 | 55.5 | 55.5 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 56.0 |
| GE 3500 | .4 | 53.9 | 56.0 | 57.5 | 57.7 | 57.7 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 |
| GE 3000 | .4 | 55.3 | 57.4 | 59.1 | 59.6 | 59.6 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.2 |
| GE 2500 | .4 | 57.4 | 59.8 | 61.8 | 62.4 | 62.4 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 63.1 |
| GE 2000 | .4 | 62.1 | 64.6 | 66.6 | 67.3 | 67.3 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.3 |
| GE 1800 | .4 | 62.3 | 64.8 | 66.9 | 67.5 | 67.5 | 67.8 | 68.1 | 68.1 | 68.1 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 |
| GE 1500 | .4 | 64.8 | 67.6 | 69.9 | 70.6 | 70.6 | 70.8 | 71.2 | 71.2 | 71.2 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 |
| GE 1200 | .4 | 67.5 | 71.2 | 73.9 | 74.7 | 74.7 | 75.1 | 75.5 | 75.5 | 75.5 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| GE 1000 | .4 | 69.2 | 73.6 | 76.9 | 77.9 | 78.3 | 79.1 | 79.3 | 79.3 | 79.4 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 |
| GE 900 | .4 | 70.6 | 75.6 | 79.1 | 80.3 | 80.7 | 81.6 | 82.0 | 82.1 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 |
| GE 800 | .4 | 71.4 | 76.8 | 80.3 | 82.0 | 82.4 | 83.5 | 83.9 | 84.0 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 |
| GE 700 | .4 | 72.6 | 78.0 | 82.0 | 84.0 | 84.4 | 85.7 | 86.3 | 86.4 | 86.4 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 |
| GE 600 | .4 | 72.8 | 78.4 | 82.7 | 85.4 | 85.8 | 87.3 | 88.2 | 88.3 | 88.3 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 |
| GE 500 | .4 | 73.4 | 79.2 | 83.8 | 87.4 | 88.3 | 90.7 | 92.0 | 92.1 | 92.1 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.3 |
| GE 400 | .4 | 73.5 | 79.6 | 84.1 | 88.5 | 89.7 | 92.8 | 94.7 | 94.8 | 94.8 | 95.9 | 96.3 | 96.3 | 96.4 | 96.7 | 96.8 |
| GE 300 | .4 | 73.5 | 79.6 | 84.1 | 88.5 | 89.8 | 93.3 | 95.3 | 95.7 | 95.7 | 97.0 | 97.5 | 97.6 | 98.1 | 98.4 | 98.5 |
| GE 200 | .4 | 73.5 | 79.6 | 84.1 | 88.5 | 89.8 | 93.3 | 95.4 | 95.8 | 95.8 | 97.1 | 97.6 | 98.0 | 98.6 | 98.9 | 99.5 |
| GE 100 | .4 | 73.5 | 79.6 | 84.1 | 88.5 | 89.8 | 93.3 | 95.4 | 95.8 | 95.8 | 97.1 | 97.6 | 98.0 | 98.6 | 98.9 | 100.0 |
| GE 01 | .4 | 73.5 | 79.6 | 84.1 | 88.5 | 89.8 | 93.3 | 95.4 | 95.8 | 95.8 | 97.1 | 97.6 | 98.0 | 98.6 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722340 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 1200-1400

| CEILING IN FEET | I | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | I | .5 | 41.5 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| GE 20000 | I | .5 | 48.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| GE 18000 | I | .5 | 49.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| GE 16000 | I | .5 | 49.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 |
| GE 14000 | I | .5 | 49.7 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| GE 12000 | I | .5 | 50.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| GE 10000 | I | .5 | 53.7 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 9000 | I | .5 | 54.4 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| GE 8000 | I | .5 | 56.0 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| GE 7000 | I | .5 | 57.4 | 59.0 | 59.0 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 6000 | I | .5 | 58.6 | 60.3 | 60.3 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 5000 | I | .5 | 61.0 | 62.9 | 62.9 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| GE 4500 | I | .5 | 61.6 | 63.6 | 63.6 | 64.1 | 64.1 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 4000 | I | .5 | 62.5 | 64.5 | 64.5 | 65.0 | 65.0 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 3500 | I | .5 | 64.1 | 66.3 | 66.3 | 66.6 | 66.6 | 66.8 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| GE 3000 | I | .5 | 68.3 | 70.4 | 70.4 | 70.9 | 70.9 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 2500 | I | .5 | 71.0 | 73.1 | 73.1 | 73.6 | 73.6 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| GE 2000 | I | .5 | 75.6 | 77.9 | 78.3 | 79.1 | 79.2 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| GE 1800 | I | .5 | 76.4 | 78.7 | 79.1 | 79.9 | 80.0 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 1500 | I | .5 | 78.7 | 81.1 | 81.7 | 82.8 | 82.9 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 1200 | I | .5 | 80.8 | 83.7 | 84.3 | 85.4 | 85.5 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| GE 1000 | I | .5 | 82.2 | 85.2 | 86.2 | 87.6 | 88.0 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 900 | I | .5 | 82.5 | 85.8 | 87.1 | 88.6 | 89.0 | 89.6 | 89.6 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 800 | I | .5 | 83.3 | 86.6 | 88.3 | 89.8 | 90.2 | 91.3 | 91.5 | 91.6 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 700 | I | .5 | 83.8 | 87.3 | 89.0 | 90.7 | 91.1 | 92.3 | 92.6 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 600 | I | .5 | 84.5 | 88.0 | 89.9 | 91.6 | 92.0 | 93.2 | 93.7 | 94.5 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 500 | I | .5 | 84.9 | 88.5 | 90.6 | 92.6 | 93.2 | 94.8 | 95.3 | 96.3 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 400 | I | .5 | 85.0 | 88.8 | 90.9 | 93.3 | 94.3 | 96.5 | 97.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 300 | I | .5 | 85.0 | 88.8 | 90.9 | 93.3 | 94.3 | 96.7 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | I | .5 | 85.0 | 88.8 | 90.9 | 93.3 | 94.3 | 96.7 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | I | .5 | 85.0 | 88.8 | 90.9 | 93.3 | 94.3 | 96.7 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | I | .5 | 85.0 | 88.8 | 90.9 | 93.3 | 94.3 | 96.7 | 97.9 | 99.0 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72239D STATION NAME: F. POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 44.8 | 45.4 | 45.4 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| GE 20000 | 52.4 | 52.9 | 52.9 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 18000 | 53.3 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 16000 | 53.3 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 14000 | 53.5 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 12000 | 54.4 | 54.9 | 55.0 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| GE 10000 | 57.8 | 58.3 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| GE 9000 | 58.7 | 59.2 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 8000 | 60.7 | 61.3 | 61.7 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| GE 7000 | 62.2 | 62.9 | 63.3 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| GE 6000 | 62.6 | 63.4 | 64.2 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 5000 | 65.4 | 67.1 | 67.8 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 4500 | 67.1 | 68.5 | 69.3 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| GE 4000 | 68.9 | 70.5 | 71.6 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 3500 | 71.5 | 73.2 | 74.4 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 3000 | 72.8 | 74.5 | 75.7 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 2500 | 75.8 | 77.5 | 78.8 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 2000 | 79.5 | 81.7 | 83.5 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| GE 1800 | 79.7 | 82.0 | 83.8 | 84.4 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 1500 | 81.2 | 83.9 | 85.8 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 1200 | 82.4 | 85.2 | 87.1 | 87.9 | 88.0 | 88.2 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 1000 | 83.9 | 87.1 | 88.9 | 89.8 | 89.9 | 90.5 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 900 | 84.2 | 87.3 | 89.4 | 90.5 | 90.7 | 91.4 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 800 | 84.6 | 87.8 | 90.1 | 91.4 | 91.6 | 92.4 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 700 | 84.7 | 88.1 | 90.6 | 92.0 | 92.4 | 93.5 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 600 | 84.7 | 88.1 | 90.6 | 92.4 | 93.1 | 94.5 | 95.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 500 | 84.7 | 88.1 | 90.7 | 93.1 | 93.9 | 95.6 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 400 | 84.7 | 88.1 | 90.8 | 93.2 | 94.4 | 96.7 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 300 | 84.7 | 88.1 | 91.0 | 93.5 | 94.6 | 97.4 | 98.8 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 200 | 84.7 | 88.1 | 91.0 | 93.5 | 94.6 | 97.4 | 98.8 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |
| GE 100 | 84.7 | 88.1 | 91.0 | 93.5 | 94.6 | 97.4 | 98.8 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |
| GE 0 | 84.7 | 88.1 | 91.0 | 93.5 | 94.6 | 97.4 | 98.8 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLA LA

PERIOD OF RECORD: 1947-1957
MONTHS: FEB HOURS: 1151

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 1/8 |
| NO CEIL | 49.7 | 50.3 | 51.2 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| GE 20000 | 53.3 | 54.4 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 18000 | 53.6 | 54.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| GE 16000 | 54.0 | 55.0 | 55.9 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| GE 14000 | 54.1 | 55.2 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| GE 12000 | 55.1 | 56.1 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| GE 10000 | 57.4 | 58.7 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 9000 | 58.0 | 59.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| GE 8000 | 60.3 | 61.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 7000 | 61.0 | 62.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 6000 | 62.4 | 63.7 | 65.1 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| GE 5000 | 63.9 | 65.2 | 67.2 | 67.8 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 4000 | 65.6 | 67.5 | 69.0 | 69.6 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 3500 | 66.9 | 69.2 | 70.8 | 71.1 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 3000 | 70.1 | 72.3 | 74.0 | 74.8 | 75.0 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| GE 2500 | 71.5 | 73.7 | 75.8 | 76.9 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 2000 | 74.0 | 76.3 | 78.6 | 79.7 | 80.3 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 1800 | 75.3 | 78.0 | 80.7 | 82.4 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| GE 1600 | 75.8 | 78.6 | 81.2 | 82.9 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 1400 | 76.5 | 79.3 | 82.4 | 84.2 | 85.0 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 1200 | 78.2 | 81.2 | 84.4 | 86.7 | 87.5 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 1000 | 80.7 | 82.1 | 85.4 | 87.8 | 88.6 | 89.0 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 900 | 80.7 | 82.6 | 86.1 | 88.6 | 89.4 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 800 | 79.7 | 83.3 | 86.9 | 89.4 | 90.5 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 700 | 80.3 | 84.1 | 87.8 | 90.4 | 91.6 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 600 | 80.5 | 84.7 | 88.8 | 91.0 | 92.2 | 94.1 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 500 | 80.7 | 85.1 | 89.3 | 92.4 | 94.1 | 95.2 | 96.2 | 96.2 | 96.2 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 400 | 80.7 | 85.1 | 89.3 | 92.4 | 95.6 | 97.1 | 98.3 | 98.3 | 98.3 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 300 | 80.7 | 85.1 | 89.3 | 92.4 | 95.8 | 97.5 | 98.8 | 98.8 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 200 | 80.7 | 85.1 | 89.3 | 92.4 | 95.8 | 97.5 | 98.8 | 98.8 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| GE 100 | 80.7 | 85.1 | 89.3 | 92.4 | 95.8 | 97.5 | 98.8 | 98.8 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |
| GE 0 | 80.7 | 85.1 | 89.3 | 92.4 | 95.8 | 97.5 | 98.8 | 98.8 | 98.8 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722190 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(EST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|
| | 1 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 1/2 | 1/4 | 1/8 | 1/16 | 1/32 | 1/64 | 1/128 | 1/256 |
| NO CEILING | | 46.4 | 50.4 | 51.2 | 51.5 | 51.5 | 51.6 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.1 |
| GE 20000 | | 51.0 | 53.0 | 54.4 | 54.7 | 54.7 | 54.9 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 |
| GE 18000 | | 51.0 | 53.0 | 54.7 | 55.0 | 55.0 | 55.0 | 55.2 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 |
| GE 16000 | | 51.0 | 54.0 | 55.0 | 55.3 | 55.3 | 55.5 | 55.5 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 |
| GE 14000 | | 51.0 | 54.4 | 55.2 | 55.5 | 55.5 | 55.6 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.1 |
| GE 12000 | | 52.7 | 55.3 | 56.1 | 56.4 | 56.4 | 56.4 | 56.5 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 |
| GE 10000 | | 55.0 | 57.0 | 58.4 | 58.7 | 58.7 | 58.9 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 |
| GE 9000 | | 55.0 | 57.0 | 58.7 | 59.0 | 59.0 | 59.2 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 |
| GE 8000 | | 56.7 | 59.3 | 60.1 | 60.4 | 60.4 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| GE 7000 | | 57.4 | 60.6 | 61.3 | 61.6 | 61.6 | 61.8 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 |
| GE 6000 | | 59.6 | 62.0 | 63.2 | 63.5 | 63.5 | 63.6 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.1 |
| GE 5000 | | 61.0 | 63.6 | 64.6 | 64.9 | 64.9 | 65.0 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.5 |
| GE 4000 | | 63.5 | 66.1 | 67.2 | 67.5 | 67.5 | 67.6 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 |
| GE 3000 | | 64.9 | 67.7 | 68.6 | 69.0 | 69.2 | 69.3 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.8 |
| GE 2500 | | 66.7 | 69.7 | 70.6 | 71.3 | 71.3 | 71.5 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 72.0 |
| GE 2000 | | 68.4 | 71.2 | 72.3 | 73.0 | 73.2 | 73.3 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 |
| GE 1500 | | 69.3 | 72.4 | 73.5 | 74.9 | 74.9 | 75.0 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.5 |
| GE 1000 | | 71.0 | 74.4 | 75.7 | 77.3 | 77.3 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 |
| GE 800 | | 72.4 | 75.5 | 76.7 | 78.4 | 78.4 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.2 |
| GE 600 | | 73.3 | 76.4 | 77.7 | 79.6 | 79.7 | 80.1 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.6 |
| GE 400 | | 75.8 | 79.0 | 80.4 | 82.4 | 82.7 | 83.2 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 |
| GE 300 | | 77.0 | 80.3 | 81.7 | 83.8 | 84.0 | 84.4 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 |
| GE 200 | | 77.7 | 81.2 | 82.6 | 84.7 | 84.9 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 |
| GE 100 | | 78.4 | 82.1 | 83.6 | 86.0 | 86.1 | 86.6 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 |
| GE 50 | | 79.0 | 83.2 | 85.4 | 87.4 | 88.4 | 88.9 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.7 |
| GE 0 | | 79.4 | 83.8 | 86.3 | 89.7 | 90.0 | 90.6 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 |
| GE 1000 | | 80.1 | 85.1 | 87.8 | 91.4 | 92.4 | 93.2 | 93.8 | 93.8 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 |
| GE 800 | | 80.1 | 85.2 | 88.6 | 92.9 | 94.9 | 96.5 | 97.2 | 97.2 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 |
| GE 600 | | 80.1 | 85.2 | 88.6 | 93.2 | 95.4 | 97.2 | 98.2 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| GE 400 | | 80.1 | 85.2 | 88.6 | 93.4 | 95.5 | 97.4 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 |
| GE 200 | | 80.1 | 85.2 | 88.8 | 93.6 | 95.7 | 97.7 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| GE 100 | | 80.1 | 85.2 | 88.8 | 93.6 | 95.7 | 97.7 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| GE 0 | | 80.3 | 85.4 | 88.8 | 93.5 | 95.7 | 97.7 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(1ST): ALL

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|----------|------|-----------------------------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|------|-------|------|
| IN | FEET | GE | GF | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | | 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 1 1/2 | 1 1/4 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| NO CEIL | 1 | .1 | 40.4 | 42.0 | 42.8 | 43.4 | 43.5 | 43.6 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.9 |
| GE 20000 | 1 | .1 | 44.4 | 46.3 | 47.2 | 47.8 | 47.8 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.4 |
| GE 18000 | 1 | .1 | 44.9 | 46.7 | 47.7 | 48.3 | 48.4 | 48.5 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 | 48.9 |
| GE 16000 | 1 | .1 | 45.0 | 46.8 | 47.8 | 48.4 | 48.5 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.8 | 49.0 |
| GE 14000 | 1 | .1 | 45.1 | 47.0 | 48.0 | 48.6 | 48.6 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 49.1 |
| GE 12000 | 1 | .1 | 45.7 | 47.5 | 48.6 | 49.2 | 49.2 | 49.3 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.8 |
| GE 10000 | 1 | .2 | 47.7 | 49.7 | 50.8 | 51.4 | 51.5 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 52.1 |
| GE 9000 | 1 | .2 | 48.2 | 50.3 | 51.4 | 52.0 | 52.1 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.7 |
| GE 8000 | 1 | .2 | 50.0 | 52.0 | 53.2 | 53.8 | 53.9 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 | 54.5 |
| GE 7000 | 1 | .2 | 50.9 | 53.0 | 54.2 | 54.9 | 55.0 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.6 |
| GE 6000 | 1 | .2 | 52.0 | 54.2 | 55.5 | 56.2 | 56.3 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 57.0 |
| GE 5000 | 1 | .2 | 54.1 | 56.5 | 57.8 | 58.7 | 58.8 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.4 |
| GE 4000 | 1 | .2 | 55.9 | 58.3 | 59.8 | 60.6 | 60.7 | 60.9 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.4 |
| GE 3000 | 1 | .2 | 57.4 | 59.9 | 61.5 | 62.4 | 62.4 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.2 |
| GE 2000 | 1 | .2 | 59.4 | 62.0 | 63.7 | 64.6 | 64.7 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.5 |
| GE 1000 | 1 | .2 | 61.3 | 64.0 | 65.8 | 66.9 | 67.0 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.6 | 67.8 |
| GE 2500 | 1 | .2 | 63.3 | 66.1 | 68.0 | 69.3 | 69.4 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 70.1 | 70.3 |
| GE 2000 | 1 | .2 | 66.6 | 69.7 | 71.9 | 73.7 | 73.5 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.5 |
| GE 1800 | 1 | .2 | 67.1 | 70.2 | 72.4 | 73.8 | 74.0 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.8 | 75.0 |
| GE 1600 | 1 | .2 | 68.9 | 72.2 | 74.6 | 76.1 | 76.3 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.4 |
| GE 1400 | 1 | .2 | 71.1 | 74.8 | 77.4 | 79.1 | 79.4 | 79.8 | 80.0 | 80.0 | 80.0 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 | 80.6 |
| GE 1200 | 1 | .2 | 72.5 | 76.4 | 79.2 | 81.1 | 81.5 | 82.1 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 | 83.0 |
| GE 1000 | 1 | .2 | 73.3 | 77.4 | 80.4 | 82.5 | 82.9 | 83.5 | 83.8 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.5 |
| GE 800 | 1 | .2 | 74.1 | 78.5 | 81.7 | 84.0 | 84.4 | 85.1 | 85.5 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 86.0 | 86.2 |
| GE 700 | 1 | .2 | 75.1 | 79.7 | 83.3 | 85.8 | 86.3 | 87.2 | 87.7 | 87.8 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.5 |
| GE 600 | 1 | .2 | 75.4 | 80.2 | 84.1 | 87.0 | 87.6 | 88.8 | 89.4 | 89.6 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.2 | 90.4 |
| GE 500 | 1 | .2 | 75.9 | 81.0 | 85.1 | 88.6 | 89.4 | 91.0 | 91.9 | 92.1 | 92.6 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.9 | 93.1 |
| GE 400 | 1 | .2 | 76.1 | 81.4 | 85.7 | 89.7 | 91.2 | 93.3 | 94.6 | 94.9 | 95.5 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 96.0 | 96.2 |
| GE 300 | 1 | .2 | 76.1 | 81.5 | 85.8 | 89.9 | 91.6 | 94.0 | 95.5 | 95.9 | 96.6 | 97.0 | 97.0 | 97.0 | 97.2 | 97.3 | 97.4 | 97.7 |
| GE 200 | 1 | .2 | 76.1 | 81.5 | 85.8 | 90.0 | 91.7 | 94.1 | 95.7 | 96.1 | 97.1 | 97.5 | 97.6 | 98.0 | 98.2 | 98.5 | 99.1 | |
| GE 100 | 1 | .2 | 76.1 | 81.6 | 85.8 | 90.0 | 91.7 | 94.2 | 95.8 | 96.2 | 97.2 | 97.6 | 97.7 | 98.1 | 98.4 | 98.7 | 99.8 | |
| GE 0 | 1 | .2 | 76.1 | 81.6 | 85.8 | 90.0 | 91.7 | 94.2 | 95.8 | 96.2 | 97.2 | 97.6 | 97.7 | 98.1 | 98.4 | 98.7 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 5520

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: MAR HOURS(IST): 0000-0200

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|----------|---|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|--------|-------|
| IN FEET | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 1/4 | GE 0 |
| NO CEIL | 1 | | 54.5 | 56.6 | 57.9 | 58.6 | 58.8 | 58.8 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| GE 20000 | 1 | | 57.0 | 59.1 | 60.4 | 61.1 | 61.3 | 61.3 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 18000 | 1 | | 57.0 | 59.1 | 60.4 | 61.1 | 61.3 | 61.3 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 16000 | 1 | | 57.0 | 59.1 | 60.4 | 61.1 | 61.3 | 61.3 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 14000 | 1 | | 57.0 | 59.1 | 60.4 | 61.1 | 61.3 | 61.3 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 12000 | 1 | | 57.0 | 59.1 | 60.4 | 61.1 | 61.3 | 61.3 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 10000 | 1 | | 58.4 | 60.6 | 61.8 | 62.5 | 62.7 | 62.7 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 9000 | 1 | | 58.4 | 60.6 | 61.8 | 62.5 | 62.7 | 62.7 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 8000 | 1 | | 59.0 | 61.1 | 62.4 | 63.1 | 63.3 | 63.3 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| GE 7000 | 1 | | 59.5 | 61.6 | 62.9 | 63.6 | 63.8 | 63.8 | 64.0 | 64.0 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| GE 6000 | 1 | | 60.2 | 62.4 | 63.6 | 64.3 | 64.5 | 64.5 | 64.7 | 64.7 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 5000 | 1 | | 62.0 | 64.2 | 65.4 | 66.1 | 66.3 | 66.3 | 66.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| GE 4500 | 1 | | 63.4 | 65.8 | 67.0 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 4000 | 1 | | 66.7 | 69.0 | 70.3 | 71.0 | 71.1 | 71.3 | 71.5 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 3500 | 1 | | 66.8 | 69.2 | 70.4 | 71.1 | 71.5 | 71.7 | 71.9 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 3000 | 1 | | 68.5 | 70.8 | 72.4 | 73.1 | 73.7 | 73.8 | 74.0 | 74.0 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| GE 2500 | 1 | | 69.7 | 72.0 | 73.8 | 74.6 | 75.1 | 75.3 | 75.4 | 75.4 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| GE 2000 | 1 | | 71.7 | 74.0 | 76.3 | 77.2 | 77.8 | 78.0 | 78.1 | 78.1 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE 1800 | 1 | | 72.2 | 74.6 | 77.1 | 78.7 | 78.5 | 78.7 | 78.9 | 78.9 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| GE 1500 | 1 | | 75.3 | 77.6 | 80.6 | 81.5 | 82.1 | 82.3 | 82.4 | 82.4 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 1200 | 1 | | 77.2 | 79.9 | 83.3 | 84.2 | 84.8 | 84.9 | 85.1 | 85.1 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 1000 | 1 | | 78.5 | 81.5 | 85.3 | 86.4 | 86.9 | 87.1 | 87.3 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 900 | 1 | | 79.0 | 82.1 | 85.8 | 87.1 | 87.6 | 87.8 | 88.0 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 800 | 1 | | 79.6 | 83.0 | 87.1 | 88.4 | 88.9 | 89.2 | 89.4 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 700 | 1 | | 79.9 | 83.9 | 88.5 | 89.8 | 90.3 | 90.7 | 90.9 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 600 | 1 | | 80.1 | 84.4 | 90.0 | 91.6 | 92.1 | 92.5 | 93.0 | 93.0 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 500 | 1 | | 80.5 | 85.1 | 91.2 | 92.4 | 93.5 | 93.9 | 94.6 | 94.6 | 95.3 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 |
| GE 400 | 1 | | 80.5 | 85.1 | 91.9 | 93.9 | 94.6 | 95.3 | 96.2 | 96.2 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.3 |
| GE 300 | 1 | | 80.5 | 85.1 | 91.9 | 94.3 | 95.0 | 96.1 | 97.3 | 97.3 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.4 |
| GE 200 | 1 | | 80.5 | 85.1 | 91.9 | 94.3 | 95.0 | 96.1 | 97.3 | 97.5 | 98.6 | 98.6 | 98.6 | 98.6 | 99.1 | 99.5 |
| GE 100 | 1 | | 80.5 | 85.1 | 91.9 | 94.3 | 95.0 | 96.1 | 97.3 | 97.5 | 98.6 | 98.6 | 98.6 | 98.6 | 99.1 | 100.0 |
| GE 0 | 1 | | 80.5 | 85.1 | 91.9 | 94.3 | 95.0 | 96.1 | 97.3 | 97.5 | 98.6 | 98.6 | 98.6 | 98.6 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 55P

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 82-87
MONTH: MAR HOURS(IST): 0300-0500

| CEILING IN FEET | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|-----------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| NO CEIL | | 46.8 | 49.8 | 51.3 | 52.3 | 52.3 | 52.5 | 52.7 | 52.7 | 53.0 | 53.2 | 53.2 | 53.4 | 53.4 | 53.6 | 53.9 |
| GE 20000 | | 48.2 | 51.4 | 52.9 | 53.9 | 53.9 | 54.1 | 54.3 | 54.3 | 54.7 | 54.8 | 54.8 | 55.0 | 55.0 | 55.2 | 55.6 |
| GE 18000 | | 48.2 | 51.4 | 52.9 | 53.9 | 53.9 | 54.1 | 54.3 | 54.3 | 54.7 | 54.8 | 54.8 | 55.0 | 55.0 | 55.2 | 55.6 |
| GE 16000 | | 48.2 | 51.4 | 52.9 | 53.9 | 53.9 | 54.1 | 54.3 | 54.3 | 54.7 | 54.8 | 54.8 | 55.0 | 55.0 | 55.2 | 55.6 |
| GE 14000 | | 48.4 | 51.6 | 53.0 | 54.1 | 54.1 | 54.3 | 54.5 | 54.5 | 54.8 | 55.0 | 55.0 | 55.2 | 55.2 | 55.4 | 55.7 |
| GE 12000 | | 48.9 | 52.2 | 53.6 | 54.7 | 54.7 | 54.8 | 55.0 | 55.0 | 55.4 | 55.6 | 55.6 | 55.7 | 55.7 | 55.9 | 56.3 |
| GE 10000 | | 50.4 | 53.6 | 55.0 | 56.1 | 56.1 | 56.3 | 56.5 | 56.5 | 56.8 | 57.0 | 57.0 | 57.2 | 57.2 | 57.3 | 57.7 |
| GE 9000 | | 50.4 | 53.6 | 55.0 | 56.1 | 56.1 | 56.3 | 56.5 | 56.5 | 56.8 | 57.0 | 57.0 | 57.2 | 57.2 | 57.3 | 57.7 |
| GE 8000 | | 51.4 | 54.7 | 56.1 | 57.2 | 57.2 | 57.3 | 57.5 | 57.5 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 | 58.4 | 58.8 |
| GE 7000 | | 51.4 | 55.0 | 56.5 | 57.5 | 57.5 | 57.7 | 57.9 | 57.9 | 58.2 | 58.4 | 58.4 | 58.6 | 58.6 | 58.8 | 59.1 |
| GE 6000 | | 52.0 | 55.2 | 56.6 | 57.7 | 57.7 | 57.9 | 58.1 | 58.1 | 58.4 | 58.6 | 58.6 | 58.8 | 58.8 | 59.0 | 59.3 |
| GE 5000 | | 53.9 | 57.2 | 58.6 | 59.7 | 59.7 | 59.9 | 60.0 | 60.0 | 60.4 | 60.6 | 60.6 | 60.8 | 60.8 | 60.9 | 61.3 |
| GE 4500 | | 55.4 | 58.6 | 60.0 | 61.1 | 61.1 | 61.3 | 61.5 | 61.5 | 61.8 | 62.0 | 62.0 | 62.2 | 62.2 | 62.4 | 62.7 |
| GE 4000 | | 57.3 | 60.8 | 62.2 | 63.3 | 63.3 | 63.4 | 63.6 | 63.6 | 64.0 | 64.2 | 64.2 | 64.3 | 64.3 | 64.5 | 64.9 |
| GE 3500 | | 58.2 | 61.6 | 63.1 | 64.2 | 64.2 | 64.3 | 64.5 | 64.5 | 64.9 | 65.1 | 65.1 | 65.2 | 65.2 | 65.4 | 65.8 |
| GE 3000 | | 60.0 | 63.4 | 64.9 | 65.9 | 65.9 | 66.1 | 66.3 | 66.3 | 66.7 | 66.8 | 66.8 | 67.0 | 67.0 | 67.2 | 67.6 |
| GE 2500 | | 61.8 | 65.4 | 67.0 | 68.3 | 68.3 | 68.5 | 68.6 | 68.6 | 69.0 | 69.2 | 69.2 | 69.4 | 69.4 | 69.5 | 69.9 |
| GE 2000 | | 64.2 | 67.7 | 70.6 | 72.0 | 72.0 | 72.2 | 72.6 | 72.6 | 73.1 | 73.3 | 73.3 | 73.5 | 73.5 | 73.7 | 74.0 |
| GE 1800 | | 64.5 | 68.3 | 71.1 | 72.8 | 72.8 | 73.1 | 73.5 | 73.5 | 74.0 | 74.2 | 74.2 | 74.4 | 74.4 | 74.6 | 74.9 |
| GE 1500 | | 66.5 | 70.8 | 73.8 | 75.6 | 75.6 | 76.0 | 76.3 | 76.3 | 76.9 | 77.1 | 77.1 | 77.2 | 77.2 | 77.4 | 77.8 |
| GE 1200 | | 68.1 | 72.4 | 75.8 | 77.8 | 77.8 | 78.1 | 78.5 | 78.5 | 79.0 | 79.2 | 79.2 | 79.4 | 79.4 | 79.6 | 79.9 |
| GE 1000 | | 70.3 | 75.1 | 78.9 | 81.2 | 81.2 | 81.5 | 81.9 | 81.9 | 82.4 | 82.6 | 82.6 | 82.8 | 82.8 | 83.0 | 83.3 |
| GE 900 | | 71.3 | 76.5 | 80.6 | 83.2 | 83.2 | 83.5 | 83.9 | 83.9 | 84.4 | 84.6 | 84.6 | 84.8 | 84.8 | 84.9 | 85.3 |
| GE 800 | | 71.5 | 76.9 | 81.2 | 84.1 | 84.2 | 84.6 | 84.9 | 84.9 | 85.5 | 85.7 | 85.7 | 85.8 | 85.8 | 86.0 | 86.4 |
| GE 700 | | 72.0 | 77.4 | 83.0 | 86.2 | 86.4 | 86.7 | 87.1 | 87.1 | 87.6 | 87.8 | 87.8 | 88.0 | 88.0 | 88.2 | 88.5 |
| GE 600 | | 72.4 | 78.3 | 84.2 | 87.8 | 88.0 | 88.4 | 88.7 | 88.7 | 89.4 | 89.6 | 89.6 | 89.8 | 89.8 | 90.0 | 90.3 |
| GE 500 | | 72.8 | 79.0 | 85.1 | 89.2 | 89.6 | 90.0 | 90.3 | 90.3 | 91.0 | 91.4 | 91.4 | 91.6 | 91.6 | 91.9 | 92.3 |
| GE 400 | | 73.3 | 79.7 | 86.0 | 90.5 | 90.9 | 91.8 | 92.3 | 92.7 | 93.4 | 93.7 | 93.7 | 93.9 | 93.9 | 94.3 | 94.6 |
| GE 300 | | 73.3 | 79.7 | 86.0 | 90.7 | 91.2 | 92.5 | 93.0 | 93.4 | 94.1 | 94.4 | 94.4 | 94.6 | 94.6 | 95.0 | 95.3 |
| GE 200 | | 73.3 | 79.7 | 86.2 | 91.0 | 91.6 | 92.8 | 94.3 | 95.0 | 95.9 | 96.6 | 96.8 | 97.0 | 97.3 | 97.7 | 98.2 |
| GE 100 | | 73.3 | 79.7 | 86.2 | 91.0 | 91.6 | 92.8 | 94.3 | 95.0 | 95.9 | 96.6 | 96.8 | 97.0 | 97.5 | 98.0 | 99.3 |
| GE 0 | | 73.3 | 79.7 | 86.2 | 91.0 | 91.6 | 92.8 | 94.3 | 95.0 | 95.9 | 96.6 | 96.8 | 97.0 | 97.5 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 36.7 | 39.7 | 40.9 | 42.6 | 43.0 | 43.2 | 43.4 | 43.4 | 43.6 | 43.7 | 43.8 | 44.0 | 44.1 | 44.4 | 45.1 | |
| GE 20000 | | 40.5 | 43.8 | 45.1 | 46.8 | 47.2 | 47.4 | 47.6 | 47.6 | 47.7 | 47.9 | 48.0 | 48.2 | 48.3 | 48.5 | 49.6 | |
| GE 18000 | | 40.5 | 43.8 | 45.1 | 46.8 | 47.2 | 47.4 | 47.6 | 47.6 | 47.7 | 47.9 | 48.0 | 48.2 | 48.3 | 48.5 | 49.6 | |
| GE 16000 | | 40.5 | 43.8 | 45.1 | 46.8 | 47.2 | 47.4 | 47.6 | 47.6 | 47.7 | 47.9 | 48.0 | 48.2 | 48.3 | 48.5 | 49.6 | |
| GE 14000 | | 40.7 | 43.9 | 45.2 | 46.9 | 47.3 | 47.5 | 47.7 | 47.7 | 47.9 | 48.0 | 48.1 | 48.3 | 48.4 | 48.7 | 49.7 | |
| GE 12000 | | 41.3 | 44.6 | 45.9 | 47.6 | 48.0 | 48.2 | 48.4 | 48.4 | 48.5 | 48.7 | 48.8 | 49.0 | 49.1 | 49.4 | 50.4 | |
| GE 10000 | | 44.1 | 47.4 | 48.8 | 50.5 | 50.9 | 51.1 | 51.3 | 51.3 | 51.5 | 51.6 | 51.7 | 51.9 | 52.0 | 52.3 | 53.3 | |
| GE 9000 | | 44.5 | 47.7 | 49.1 | 50.9 | 51.2 | 51.5 | 51.7 | 51.7 | 51.8 | 51.9 | 52.0 | 52.3 | 52.4 | 52.6 | 53.7 | |
| GE 8000 | | 46.2 | 49.7 | 51.2 | 53.1 | 53.4 | 53.7 | 53.9 | 53.9 | 54.0 | 54.1 | 54.2 | 54.5 | 54.6 | 54.8 | 55.9 | |
| GE 7000 | | 46.3 | 49.9 | 51.5 | 53.3 | 53.7 | 53.9 | 54.1 | 54.1 | 54.2 | 54.4 | 54.5 | 54.7 | 54.8 | 55.1 | 56.1 | |
| GE 6000 | | 47.2 | 50.8 | 52.3 | 54.1 | 54.5 | 54.7 | 54.9 | 54.9 | 55.1 | 55.2 | 55.3 | 55.5 | 55.6 | 55.9 | 56.9 | |
| GE 5000 | | 49.0 | 52.8 | 54.5 | 56.3 | 56.7 | 56.9 | 57.1 | 57.3 | 57.4 | 57.5 | 57.6 | 57.8 | 58.0 | 58.2 | 59.2 | |
| GE 4500 | | 49.9 | 53.8 | 55.5 | 57.4 | 57.7 | 58.0 | 58.2 | 58.3 | 58.4 | 58.5 | 58.7 | 58.9 | 59.0 | 59.2 | 60.3 | |
| GE 4000 | | 51.5 | 55.4 | 57.3 | 59.1 | 59.5 | 59.7 | 59.9 | 60.0 | 60.2 | 60.3 | 60.4 | 60.6 | 60.7 | 61.0 | 62.0 | |
| GE 3500 | | 52.4 | 56.3 | 58.2 | 60.0 | 60.4 | 60.6 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.6 | 61.7 | 61.9 | 63.0 | |
| GE 3000 | | 54.0 | 58.2 | 60.4 | 62.5 | 62.8 | 63.1 | 63.3 | 63.4 | 63.5 | 63.6 | 63.8 | 64.0 | 64.1 | 64.3 | 65.4 | |
| GE 2500 | | 55.7 | 60.0 | 62.5 | 64.7 | 65.2 | 65.5 | 65.7 | 65.9 | 66.0 | 66.1 | 66.2 | 66.4 | 66.6 | 66.8 | 67.8 | |
| GE 2000 | | 57.8 | 62.7 | 65.4 | 67.9 | 68.5 | 69.0 | 69.2 | 69.6 | 69.7 | 69.8 | 69.9 | 70.2 | 70.3 | 70.5 | 71.5 | |
| GE 1800 | | 58.2 | 63.2 | 65.9 | 68.4 | 69.0 | 69.5 | 69.7 | 70.0 | 70.2 | 70.3 | 70.4 | 70.6 | 70.7 | 71.0 | 72.0 | |
| GE 1500 | | 59.8 | 64.9 | 67.7 | 70.5 | 71.1 | 71.5 | 71.9 | 72.2 | 72.6 | 72.7 | 72.8 | 73.1 | 73.2 | 73.4 | 74.4 | |
| GE 1200 | | 61.1 | 66.8 | 69.6 | 72.6 | 73.4 | 73.9 | 74.2 | 74.6 | 74.9 | 75.0 | 75.1 | 75.4 | 75.5 | 75.7 | 76.8 | |
| GE 1000 | | 62.8 | 68.5 | 71.5 | 75.0 | 76.0 | 76.7 | 77.0 | 77.5 | 77.8 | 77.9 | 78.0 | 78.3 | 78.4 | 78.7 | 79.8 | |
| GE 900 | | 63.2 | 69.6 | 72.8 | 76.3 | 77.4 | 78.3 | 78.6 | 79.1 | 79.4 | 79.6 | 79.7 | 79.9 | 80.0 | 80.4 | 81.4 | |
| GE 800 | | 64.1 | 70.8 | 74.2 | 78.0 | 79.3 | 80.5 | 80.8 | 81.3 | 81.6 | 81.8 | 81.9 | 82.1 | 82.2 | 82.6 | 83.6 | |
| GE 700 | | 64.7 | 72.0 | 75.8 | 80.3 | 81.9 | 83.7 | 84.2 | 84.7 | 85.0 | 85.1 | 85.2 | 85.5 | 85.6 | 85.9 | 87.0 | |
| GE 600 | | 64.9 | 72.6 | 76.8 | 81.8 | 83.7 | 85.9 | 86.9 | 87.3 | 88.0 | 88.3 | 88.4 | 88.6 | 88.7 | 89.1 | 90.1 | |
| GE 500 | | 64.9 | 72.6 | 77.0 | 82.1 | 84.9 | 87.7 | 89.0 | 89.5 | 90.4 | 90.6 | 90.7 | 90.9 | 91.1 | 91.5 | 92.7 | |
| GE 400 | | 65.0 | 73.2 | 77.5 | 82.9 | 85.5 | 88.6 | 90.5 | 91.2 | 92.0 | 92.3 | 92.5 | 92.8 | 92.9 | 93.4 | 94.5 | |
| GE 300 | | 65.4 | 73.5 | 77.8 | 83.4 | 86.1 | 89.5 | 91.8 | 92.6 | 93.8 | 94.3 | 94.4 | 94.8 | 95.1 | 95.7 | 96.9 | |
| GE 200 | | 65.4 | 73.5 | 77.8 | 83.4 | 86.1 | 89.7 | 91.9 | 92.8 | 94.1 | 94.9 | 95.1 | 95.6 | 96.2 | 97.1 | 99.1 | |
| GE 100 | | 65.4 | 73.5 | 77.8 | 83.4 | 86.1 | 89.7 | 91.9 | 92.8 | 94.1 | 94.9 | 95.1 | 95.8 | 96.4 | 97.3 | 99.8 | |
| GE 0 | | 65.4 | 73.5 | 77.8 | 83.4 | 86.1 | 89.7 | 91.9 | 92.8 | 94.1 | 94.9 | 95.1 | 95.8 | 96.4 | 97.3 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0900-1100

| CEILING IN FEET | GE | VISIBILITY IN STATUTE MILES | | | | | | VISIBILITY IN STATUTE MILES | | | | | | VISIBILITY IN STATUTE MILES | | | | | |
|-----------------------|----|-----------------------------|------|------|------|------|-------|-----------------------------|-------|-------|------|------|------|-----------------------------|------|------|------|--|--|
| | | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | C | | |
| NO CEIL | .2 | 45.4 | 46.7 | 47.2 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | | |
| GE 20000 | .2 | 50.5 | 51.8 | 52.4 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | | |
| GE 18000 | .2 | 50.5 | 51.8 | 52.4 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | | |
| GE 16000 | .2 | 50.5 | 51.8 | 52.4 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | | |
| GE 14000 | .2 | 50.9 | 52.3 | 52.8 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | | |
| GE 12000 | .2 | 51.5 | 52.8 | 53.4 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | | |
| GE 10000 | .2 | 54.6 | 56.2 | 56.7 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | | |
| GE 9000 | .2 | 55.2 | 56.8 | 57.4 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | | |
| GE 8000 | .2 | 56.8 | 58.4 | 59.0 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | | |
| GE 7000 | .2 | 56.9 | 58.7 | 59.2 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | | |
| GE 6000 | .2 | 58.2 | 59.9 | 60.5 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | | |
| GE 5000 | .2 | 59.6 | 61.3 | 61.8 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | | |
| GE 4500 | .2 | 60.3 | 62.1 | 62.8 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | | |
| GE 4000 | .2 | 61.2 | 63.2 | 63.9 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | | |
| GE 3500 | .2 | 63.0 | 65.3 | 65.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | | |
| GE 3000 | .2 | 64.9 | 67.3 | 68.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | | |
| GE 2500 | .2 | 67.2 | 69.9 | 70.6 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | | |
| GE 2000 | .2 | 69.6 | 72.6 | 73.2 | 74.8 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | | |
| GE 1800 | .2 | 70.5 | 73.5 | 74.1 | 75.9 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | | |
| GE 1500 | .2 | 73.1 | 76.3 | 77.1 | 79.2 | 79.3 | 79.4 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | | |
| GE 1200 | .2 | 76.3 | 80.1 | 81.1 | 83.4 | 83.5 | 83.7 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | | |
| GE 1000 | .2 | 78.7 | 83.0 | 84.4 | 87.1 | 87.5 | 87.9 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | | |
| GE 900 | .2 | 79.5 | 84.2 | 85.8 | 88.6 | 89.0 | 89.6 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | | |
| GE 800 | .2 | 80.9 | 85.8 | 87.5 | 90.7 | 91.0 | 91.7 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | | |
| GE 700 | .2 | 80.9 | 86.0 | 87.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | | |
| GE 600 | .2 | 81.2 | 86.4 | 88.3 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | | |
| GE 500 | .2 | 83.4 | 87.1 | 89.4 | 93.4 | 94.8 | 96.7 | 98.1 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | | |
| GE 400 | .2 | 81.4 | 87.1 | 89.5 | 93.6 | 95.0 | 96.9 | 98.6 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | | |
| GE 300 | .2 | 81.4 | 87.1 | 89.5 | 93.6 | 95.0 | 96.9 | 98.6 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |
| GE 200 | .2 | 81.4 | 87.1 | 89.5 | 93.7 | 95.1 | 97.0 | 98.9 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | |
| GE 100 | .2 | 81.4 | 87.1 | 89.5 | 93.7 | 95.1 | 97.0 | 98.9 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | |
| GE 0 | .2 | 81.4 | 87.1 | 89.5 | 93.7 | 95.1 | 97.0 | 98.9 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | | |

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | .4 | 48.4 | 48.8 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| GE 20000 | .4 | 56.8 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 18000 | .4 | 56.9 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| GE 16000 | .4 | 57.0 | 57.5 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| GE 14000 | .4 | 57.7 | 58.2 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| GE 12000 | .4 | 58.6 | 59.0 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 10000 | .4 | 61.7 | 62.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 9000 | .4 | 62.9 | 63.4 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| GE 8000 | .4 | 64.9 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| GE 7000 | .4 | 65.6 | 66.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 6000 | .4 | 66.5 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| GE 5000 | .4 | 67.6 | 68.4 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 4500 | .5 | 68.9 | 69.7 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 4000 | .5 | 70.0 | 70.8 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| GE 3500 | .5 | 72.1 | 72.9 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 3000 | .5 | 76.4 | 77.3 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 2500 | .5 | 80.5 | 81.5 | 82.2 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| GE 2000 | .5 | 84.6 | 85.6 | 86.4 | 86.7 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 1800 | .5 | 85.1 | 86.0 | 86.9 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 1500 | .5 | 87.3 | 88.4 | 89.2 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 1200 | .5 | 90.3 | 91.9 | 92.7 | 93.4 | 93.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 1000 | .5 | 90.5 | 92.1 | 93.2 | 93.9 | 94.0 | 94.2 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 900 | .5 | 90.5 | 92.1 | 93.3 | 94.0 | 94.4 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 800 | .5 | 90.7 | 92.5 | 93.8 | 94.6 | 95.1 | 95.4 | 95.8 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 700 | .5 | 90.8 | 92.7 | 94.0 | 95.0 | 95.4 | 96.0 | 96.4 | 96.4 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 600 | .5 | 91.2 | 93.3 | 94.6 | 95.5 | 96.1 | 97.2 | 97.7 | 97.7 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 500 | .5 | 91.3 | 93.4 | 94.7 | 96.0 | 96.8 | 98.0 | 98.7 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 400 | .5 | 91.3 | 93.4 | 94.7 | 96.4 | 97.3 | 98.5 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | .5 | 91.4 | 93.5 | 94.8 | 96.5 | 97.4 | 98.6 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | .5 | 91.4 | 93.5 | 94.8 | 96.5 | 97.4 | 98.6 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .5 | 91.4 | 93.5 | 94.8 | 96.5 | 97.4 | 98.6 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | .5 | 91.4 | 93.5 | 94.8 | 96.5 | 97.4 | 98.6 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 852

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .4 | 52.5 | 52.5 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| GE 20000 | .4 | 61.0 | 61.0 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| GE 18000 | .4 | 61.4 | 61.4 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| GE 16000 | .4 | 61.7 | 61.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 14000 | .4 | 63.5 | 63.5 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| GE 12000 | .4 | 63.5 | 63.5 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| GE 10000 | .4 | 65.8 | 66.0 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 9000 | .4 | 66.5 | 66.8 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| GE 8000 | .4 | 68.8 | 69.0 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 7000 | .4 | 70.5 | 70.8 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| GE 6000 | .4 | 71.6 | 71.9 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 5000 | .4 | 73.6 | 73.9 | 74.4 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 4500 | .4 | 74.3 | 74.6 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE 4000 | .4 | 77.1 | 77.5 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| GE 3500 | .4 | 78.9 | 79.2 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 3000 | .4 | 81.6 | 82.0 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 2500 | .4 | 85.2 | 85.7 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 2000 | .4 | 87.4 | 87.9 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 1800 | .4 | 87.6 | 88.0 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 1500 | .4 | 89.6 | 90.4 | 91.3 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 1200 | .4 | 91.0 | 92.4 | 93.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 1000 | .4 | 91.4 | 93.1 | 94.5 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 900 | .4 | 91.5 | 93.3 | 94.7 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 800 | .4 | 92.0 | 93.8 | 95.3 | 96.7 | 96.1 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 700 | .4 | 92.4 | 94.1 | 95.7 | 96.4 | 96.6 | 96.6 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 600 | .4 | 92.5 | 94.2 | 95.9 | 96.7 | 97.1 | 97.2 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 500 | .4 | 92.8 | 94.6 | 96.2 | 97.3 | 97.8 | 97.9 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 400 | .4 | 92.8 | 94.7 | 96.4 | 97.5 | 98.0 | 98.1 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | .4 | 92.8 | 94.7 | 96.4 | 97.7 | 98.1 | 98.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | .4 | 92.8 | 94.7 | 96.4 | 97.7 | 98.1 | 98.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .4 | 92.8 | 94.7 | 96.4 | 97.7 | 98.1 | 98.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | .4 | 92.8 | 94.7 | 96.4 | 97.7 | 98.1 | 98.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | 63.9 | 65.9 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 20000 | 74.1 | 76.6 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| GE 18000 | 74.4 | 77.1 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| GE 16000 | 74.9 | 77.6 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| GE 14000 | 75.7 | 78.3 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| GE 12000 | 76.6 | 79.2 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| GE 10000 | 78.3 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 9000 | 79.5 | 82.4 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 8000 | 83.7 | 86.7 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE 7000 | 84.5 | 87.6 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 6000 | 85.3 | 88.3 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 5000 | 86.1 | 89.1 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 4500 | 86.3 | 89.5 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 4000 | 87.7 | 91.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 3500 | 89.4 | 92.9 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 3000 | 91.6 | 95.3 | 96.8 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 2500 | 92.6 | 96.3 | 97.8 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 2000 | 92.8 | 96.5 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1800 | 93.0 | 96.7 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 1500 | 93.2 | 96.8 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1200 | 93.2 | 97.0 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | 93.2 | 97.0 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 900 | 93.3 | 97.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 93.3 | 97.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 700 | 93.3 | 97.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 600 | 93.3 | 97.1 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 93.4 | 97.2 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 93.5 | 97.3 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 93.5 | 97.3 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 93.5 | 97.3 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 93.5 | 97.3 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 93.5 | 97.3 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: JUN HOURS(LST): 2100-2300

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|----------|-------|-----------------------------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| IN FEET | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 73.7 | 77.2 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 20000 | | 79.3 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 18000 | | 79.3 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 16000 | | 79.3 | 83.1 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 14000 | | 80.0 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 12000 | | 81.1 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GE 10000 | | 81.7 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 9000 | | 81.9 | 86.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 8000 | | 84.6 | 88.9 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 7000 | | 85.2 | 89.6 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 6000 | | 85.2 | 89.6 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 5000 | | 85.7 | 90.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 4500 | | 86.3 | 91.1 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 4000 | | 88.7 | 93.5 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 3500 | | 89.3 | 94.1 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 3000 | | 90.0 | 94.8 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 2500 | | 90.4 | 95.2 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 2000 | | 91.3 | 96.1 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 1800 | | 91.3 | 96.1 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 1500 | | 92.0 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 1200 | | 92.6 | 97.6 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1000 | | 92.8 | 97.8 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 900 | | 92.8 | 97.8 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 800 | | 92.8 | 97.8 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 700 | | 92.8 | 97.8 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 600 | | 92.8 | 97.8 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 500 | | 92.8 | 97.8 | 98.3 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 400 | | 93.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 300 | | 93.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 200 | | 93.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |
| GE 100 | | 93.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |
| GE 0 | | 93.1 | 98.1 | 98.7 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 1 | .1 | 54.8 | 58.3 | 59.8 | 60.7 | 60.9 | 61.3 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.8 | 61.8 |
| GE 20000 | 1 | .1 | 62.8 | 66.7 | 68.4 | 69.3 | 69.6 | 70.0 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.5 | 70.6 | 70.6 |
| GE 18000 | 1 | .1 | 62.9 | 66.9 | 68.5 | 69.4 | 69.7 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.5 | 70.6 | 70.6 | 70.7 | 70.7 |
| GE 16000 | 1 | .1 | 63.0 | 67.0 | 68.6 | 69.5 | 69.8 | 70.2 | 70.4 | 70.5 | 70.5 | 70.5 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 |
| GE 14000 | 1 | .1 | 63.5 | 67.4 | 69.1 | 70.0 | 70.3 | 70.7 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 | 71.2 | 71.3 | 71.3 |
| GE 12000 | 1 | .1 | 64.5 | 68.6 | 70.2 | 71.2 | 71.4 | 71.9 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.3 | 72.4 | 72.4 | 72.5 |
| GE 10000 | 1 | .1 | 66.1 | 70.3 | 72.0 | 72.9 | 73.2 | 73.6 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.1 | 74.2 | 74.2 | 74.3 |
| GE 9000 | 1 | .1 | 66.7 | 71.0 | 72.7 | 73.7 | 74.0 | 74.4 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.9 | 74.9 | 75.0 | 75.1 |
| GE 8000 | 1 | .1 | 69.9 | 74.3 | 76.1 | 77.1 | 77.4 | 77.8 | 78.1 | 78.1 | 78.2 | 78.2 | 78.3 | 78.4 | 78.4 | 78.5 | 78.5 |
| GE 7000 | 1 | .1 | 70.5 | 75.0 | 76.8 | 77.8 | 78.1 | 78.6 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.2 | 79.3 |
| GE 6000 | 1 | .1 | 70.7 | 75.2 | 77.1 | 78.1 | 78.3 | 78.8 | 79.1 | 79.1 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 | 79.6 |
| GE 5000 | 1 | .1 | 71.8 | 76.4 | 78.3 | 79.4 | 79.6 | 80.1 | 80.4 | 80.4 | 80.5 | 80.6 | 80.6 | 80.7 | 80.7 | 80.8 | 80.9 |
| GE 4500 | 1 | .1 | 72.3 | 77.1 | 79.0 | 80.1 | 80.4 | 80.9 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 |
| GE 4000 | 1 | .1 | 73.2 | 78.5 | 80.5 | 81.7 | 82.0 | 82.5 | 82.8 | 82.8 | 82.9 | 82.9 | 83.0 | 83.1 | 83.1 | 83.2 | 83.3 |
| GE 3500 | 1 | .1 | 75.3 | 80.3 | 82.3 | 83.6 | 83.9 | 84.4 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 85.0 | 85.1 | 85.1 | 85.2 |
| GE 3000 | 1 | .1 | 77.7 | 82.9 | 85.0 | 86.3 | 86.6 | 87.1 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 |
| GE 2500 | 1 | .1 | 78.8 | 84.2 | 86.3 | 87.6 | 87.9 | 88.5 | 88.8 | 88.9 | 89.0 | 89.0 | 89.0 | 89.1 | 89.2 | 89.3 | 89.3 |
| GE 2000 | 1 | .1 | 80.2 | 85.6 | 87.8 | 89.2 | 89.5 | 90.1 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.8 | 90.8 | 90.9 | 91.0 |
| GE 1800 | 1 | .1 | 80.4 | 85.8 | 88.1 | 89.5 | 89.8 | 90.4 | 90.7 | 90.7 | 90.8 | 90.9 | 90.9 | 91.0 | 91.1 | 91.2 | 91.2 |
| GE 1500 | 1 | .1 | 81.8 | 87.3 | 89.6 | 91.0 | 91.3 | 91.9 | 92.2 | 92.3 | 92.4 | 92.4 | 92.5 | 92.6 | 92.7 | 92.7 | 92.8 |
| GE 1200 | 1 | .1 | 82.6 | 88.2 | 90.5 | 92.0 | 92.4 | 93.0 | 93.3 | 93.4 | 93.5 | 93.6 | 93.6 | 93.7 | 93.8 | 93.9 | 93.9 |
| GE 1000 | 1 | .1 | 83.1 | 88.8 | 91.2 | 92.8 | 93.1 | 93.7 | 94.1 | 94.2 | 94.3 | 94.4 | 94.4 | 94.6 | 94.6 | 94.7 | 94.8 |
| GE 900 | 1 | .1 | 83.5 | 89.3 | 91.7 | 93.3 | 93.6 | 94.3 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.2 | 95.3 |
| GE 800 | 1 | .1 | 83.7 | 89.6 | 92.1 | 93.7 | 94.1 | 94.7 | 95.1 | 95.2 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 | 95.7 | 95.8 |
| GE 700 | 1 | .1 | 84.1 | 90.1 | 92.6 | 94.1 | 94.6 | 95.3 | 95.7 | 95.8 | 95.9 | 96.0 | 96.0 | 96.2 | 96.2 | 96.3 | 96.4 |
| GE 600 | 1 | .1 | 84.6 | 90.6 | 93.5 | 95.3 | 95.6 | 96.3 | 96.8 | 96.8 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 |
| GE 500 | 1 | .1 | 84.9 | 91.2 | 94.1 | 95.9 | 96.3 | 97.0 | 97.5 | 97.6 | 97.8 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 |
| GE 400 | 1 | .1 | 85.0 | 91.4 | 94.3 | 96.2 | 96.6 | 97.5 | 98.0 | 98.1 | 98.3 | 98.4 | 98.4 | 98.6 | 98.7 | 98.8 | 98.9 |
| GE 300 | 1 | .1 | 85.0 | 91.4 | 94.3 | 96.3 | 96.6 | 97.5 | 98.2 | 98.3 | 98.6 | 98.7 | 98.7 | 98.9 | 99.0 | 99.1 | 99.3 |
| GE 200 | 1 | .1 | 85.0 | 91.4 | 94.3 | 96.3 | 96.6 | 97.5 | 98.2 | 98.3 | 98.7 | 98.8 | 98.9 | 99.1 | 99.3 | 99.5 | 99.9 |
| GE 100 | 1 | .1 | 85.0 | 91.4 | 94.3 | 96.3 | 96.6 | 97.5 | 98.2 | 98.3 | 98.7 | 98.8 | 98.9 | 99.1 | 99.3 | 99.5 | 100.0 |
| GE 0 | 1 | .1 | 85.0 | 91.4 | 94.3 | 96.3 | 96.6 | 97.5 | 98.2 | 98.3 | 98.7 | 98.8 | 98.9 | 99.1 | 99.3 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 5692

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: JUL HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 75.9 | 81.9 | 85.0 | 85.9 | 86.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.6 | 86.6 |
| GE 20000 | 80.1 | 87.1 | 90.3 | 91.5 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.3 | 92.3 |
| GE 18000 | 80.1 | 87.1 | 90.3 | 91.5 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.3 | 92.3 |
| GE 16000 | 80.1 | 87.1 | 90.3 | 91.5 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.3 | 92.3 |
| GE 14000 | 80.3 | 87.3 | 90.5 | 91.7 | 91.9 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 |
| GE 12000 | 81.0 | 88.0 | 91.4 | 92.6 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 |
| GE 10000 | 82.0 | 89.4 | 93.0 | 94.2 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 |
| GE 9000 | 82.7 | 90.1 | 93.7 | 94.9 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 |
| GE 8000 | 84.0 | 91.5 | 95.1 | 96.3 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 |
| GE 7000 | 84.0 | 91.5 | 95.1 | 96.3 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 |
| GE 6000 | 84.0 | 91.5 | 95.1 | 96.3 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 |
| GE 5000 | 84.2 | 91.7 | 95.2 | 96.5 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 |
| GE 4500 | 84.5 | 92.1 | 95.6 | 96.8 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |
| GE 4000 | 84.9 | 92.4 | 96.0 | 97.2 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 |
| GE 3500 | 84.9 | 92.4 | 96.0 | 97.2 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 |
| GE 3000 | 84.9 | 92.4 | 96.0 | 97.2 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 |
| GE 2500 | 84.9 | 92.6 | 96.1 | 97.4 | 97.5 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 |
| GE 2000 | 85.0 | 92.8 | 96.3 | 97.5 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 |
| GE 1800 | 85.0 | 93.0 | 96.5 | 97.7 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 |
| GE 1500 | 85.0 | 93.1 | 96.8 | 98.1 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 |
| GE 1200 | 85.0 | 93.3 | 97.0 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| GE 1000 | 85.0 | 93.3 | 97.0 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| GE 900 | 85.0 | 93.3 | 97.0 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| GE 800 | 85.2 | 93.5 | 97.2 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 |
| GE 700 | 85.2 | 93.5 | 97.2 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 |
| GE 600 | 85.2 | 93.5 | 97.2 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 |
| GE 500 | 85.7 | 94.0 | 97.7 | 98.7 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE 400 | 85.9 | 94.2 | 97.9 | 99.1 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE 300 | 85.9 | 94.4 | 98.1 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| GE 200 | 85.9 | 94.4 | 98.1 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| GE 100 | 85.9 | 94.4 | 98.1 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| GE 0 | 85.9 | 94.4 | 98.1 | 99.3 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 568

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: JUL HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 57.8 | 66.9 | 74.1 | 78.5 | 80.1 | 80.5 | 81.2 | 81.8 | 82.1 | 82.1 | 82.1 | 82.1 | 82.4 | 82.6 | 82.6 | |
| GE 20000 | 59.8 | 69.5 | 76.9 | 81.5 | 83.2 | 83.7 | 84.3 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.6 | 85.9 | 85.9 | |
| GE 18000 | 59.6 | 69.5 | 76.9 | 81.5 | 83.2 | 83.7 | 84.3 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.6 | 85.9 | 85.9 | |
| GE 16000 | 59.8 | 69.5 | 76.9 | 81.5 | 83.2 | 83.7 | 84.3 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.6 | 85.9 | 85.9 | |
| GE 14000 | 59.8 | 69.5 | 76.9 | 81.5 | 83.2 | 83.7 | 84.3 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.6 | 85.9 | 85.9 | |
| GE 12000 | 60.9 | 70.7 | 78.3 | 82.9 | 84.7 | 85.1 | 85.8 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 87.2 | 87.5 | 87.5 | |
| GE 10000 | 63.0 | 72.9 | 81.2 | 85.9 | 87.7 | 88.1 | 88.8 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 90.2 | 90.5 | 90.5 | |
| GE 9000 | 63.3 | 73.3 | 81.5 | 86.2 | 88.0 | 88.4 | 89.1 | 89.7 | 90.0 | 90.0 | 90.0 | 90.0 | 90.5 | 90.8 | 90.8 | |
| GE 8000 | 65.2 | 75.2 | 84.0 | 88.8 | 90.5 | 91.0 | 91.6 | 92.2 | 92.6 | 92.6 | 92.6 | 92.6 | 93.0 | 93.4 | 93.4 | |
| GE 7000 | 65.2 | 75.2 | 84.0 | 88.8 | 90.5 | 91.0 | 91.6 | 92.2 | 92.6 | 92.6 | 92.6 | 92.6 | 93.0 | 93.4 | 93.4 | |
| GE 6000 | 65.3 | 75.3 | 84.2 | 88.9 | 90.7 | 91.1 | 91.8 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 93.2 | 93.5 | 93.5 | |
| GE 5000 | 65.7 | 75.6 | 84.5 | 89.4 | 91.1 | 91.6 | 92.2 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.7 | 94.0 | 94.0 | |
| GE 4500 | 65.7 | 75.8 | 84.7 | 89.6 | 91.3 | 91.8 | 92.4 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.8 | 94.1 | 94.1 | |
| GE 4000 | 66.3 | 76.4 | 85.3 | 90.2 | 92.1 | 92.7 | 93.4 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.8 | 95.1 | 95.1 | |
| GE 3500 | 66.3 | 76.4 | 85.3 | 90.2 | 92.1 | 92.7 | 93.4 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.8 | 95.1 | 95.1 | |
| GE 3000 | 66.5 | 76.7 | 85.6 | 90.5 | 92.4 | 93.0 | 93.7 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 95.1 | 95.4 | 95.4 | |
| GE 2500 | 66.6 | 77.1 | 85.9 | 90.6 | 92.7 | 93.4 | 94.0 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 95.4 | 95.7 | 95.7 | |
| GE 2000 | 66.8 | 77.5 | 86.4 | 91.5 | 93.5 | 94.1 | 94.8 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 96.2 | 96.5 | 96.5 | |
| GE 1800 | 66.8 | 77.5 | 86.4 | 91.5 | 93.5 | 94.1 | 94.8 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 96.2 | 96.5 | 96.5 | |
| GE 1500 | 66.8 | 77.5 | 86.6 | 91.6 | 93.7 | 94.3 | 94.9 | 95.6 | 95.9 | 95.9 | 95.9 | 95.9 | 96.4 | 96.7 | 96.7 | |
| GE 1200 | 66.9 | 77.7 | 86.9 | 91.9 | 94.0 | 94.6 | 95.3 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.7 | 97.0 | 97.0 | |
| GE 1000 | 66.9 | 77.7 | 86.9 | 91.9 | 94.0 | 94.6 | 95.3 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.7 | 97.0 | 97.0 | |
| GE 900 | 67.1 | 77.8 | 87.0 | 92.1 | 94.1 | 94.8 | 95.4 | 96.0 | 96.4 | 96.4 | 96.4 | 96.4 | 96.8 | 97.2 | 97.2 | |
| GE 800 | 67.1 | 77.8 | 87.2 | 92.2 | 94.3 | 94.9 | 95.6 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 97.0 | 97.3 | 97.3 | |
| GE 700 | 67.1 | 78.0 | 87.3 | 92.4 | 94.5 | 95.1 | 95.7 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 97.2 | 97.5 | 97.5 | |
| GE 600 | 67.1 | 78.0 | 87.3 | 92.4 | 94.5 | 95.1 | 95.7 | 96.4 | 96.7 | 96.7 | 96.7 | 96.7 | 97.2 | 97.5 | 97.5 | |
| GE 500 | 67.4 | 78.3 | 87.7 | 92.7 | 94.9 | 95.6 | 96.2 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.6 | 97.9 | 97.9 | |
| GE 400 | 67.6 | 78.5 | 88.0 | 93.0 | 95.4 | 96.0 | 96.7 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 98.1 | 98.6 | 98.6 | |
| GE 300 | 67.6 | 78.5 | 88.0 | 93.0 | 95.4 | 96.0 | 96.7 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 98.1 | 98.6 | 98.6 | |
| GE 200 | 67.6 | 78.6 | 88.3 | 93.4 | 95.7 | 97.0 | 97.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.4 | 99.4 | |
| GE 100 | 67.6 | 78.6 | 88.3 | 93.4 | 95.7 | 97.0 | 97.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.5 | 99.5 | 100.0 |
| GE 0 | 67.6 | 78.6 | 88.3 | 93.4 | 95.7 | 97.0 | 97.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 99.1 | 99.5 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722330 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 0600-0800

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|-------|-----------------------------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|------|--|
| IN FEET | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 3/8 | GE 0 | |
| NO CEIL | | 55.9 | 62.1 | 65.1 | 67.5 | 68.1 | 68.7 | 69.2 | 69.3 | 69.5 | 69.6 | 69.7 | 69.9 | 69.9 | 70.1 | 70.1 | |
| GE 20000 | | 60.2 | 66.9 | 70.4 | 72.8 | 73.5 | 74.2 | 74.7 | 74.8 | 74.9 | 75.2 | 75.3 | 75.5 | 75.5 | 75.9 | 75.9 | |
| GE 18000 | | 60.4 | 67.0 | 70.5 | 73.0 | 73.6 | 74.3 | 74.8 | 74.9 | 75.0 | 75.3 | 75.4 | 75.6 | 75.6 | 76.0 | 76.0 | |
| GE 16000 | | 60.4 | 67.0 | 70.5 | 73.0 | 73.6 | 74.3 | 74.8 | 74.9 | 75.0 | 75.3 | 75.4 | 75.6 | 75.6 | 76.0 | 76.0 | |
| GE 14000 | | 61.0 | 67.6 | 71.2 | 73.6 | 74.2 | 74.9 | 75.4 | 75.5 | 75.6 | 75.9 | 76.0 | 76.2 | 76.2 | 76.6 | 76.6 | |
| GE 12000 | | 62.3 | 69.1 | 72.6 | 75.0 | 75.5 | 76.5 | 77.1 | 77.2 | 77.3 | 77.6 | 77.7 | 77.9 | 77.9 | 78.3 | 78.3 | |
| GE 10000 | | 66.5 | 74.1 | 77.8 | 80.5 | 81.5 | 82.5 | 83.2 | 83.3 | 83.4 | 83.6 | 83.8 | 84.0 | 84.1 | 84.5 | 84.5 | |
| GE 9000 | | 67.6 | 75.2 | 79.0 | 81.7 | 82.7 | 83.8 | 84.4 | 84.5 | 84.6 | 84.8 | 85.0 | 85.2 | 85.3 | 85.7 | 85.7 | |
| GE 8000 | | 69.3 | 77.5 | 81.9 | 85.1 | 86.1 | 87.3 | 87.9 | 88.0 | 88.1 | 88.4 | 88.5 | 88.7 | 88.8 | 89.2 | 89.2 | |
| GE 7000 | | 69.6 | 77.7 | 82.2 | 85.3 | 86.3 | 87.5 | 88.1 | 88.2 | 88.4 | 88.6 | 88.7 | 89.0 | 89.1 | 89.5 | 89.5 | |
| GE 6000 | | 69.8 | 77.9 | 82.7 | 85.8 | 86.8 | 88.0 | 88.6 | 88.7 | 88.8 | 89.1 | 89.2 | 89.5 | 89.6 | 89.9 | 89.9 | |
| GE 5000 | | 70.2 | 78.3 | 83.0 | 86.2 | 87.2 | 88.4 | 89.0 | 89.1 | 89.2 | 89.5 | 89.6 | 89.8 | 89.9 | 90.3 | 90.3 | |
| GE 4500 | | 70.4 | 78.5 | 83.3 | 86.4 | 87.4 | 88.6 | 89.2 | 89.3 | 89.5 | 89.7 | 89.8 | 90.1 | 90.2 | 90.5 | 90.5 | |
| GE 4000 | | 71.2 | 79.5 | 84.4 | 87.4 | 88.7 | 89.9 | 90.5 | 90.7 | 90.8 | 91.0 | 91.2 | 91.4 | 91.5 | 91.9 | 91.9 | |
| GE 3500 | | 71.4 | 79.9 | 84.7 | 88.1 | 89.1 | 90.3 | 91.0 | 91.2 | 91.4 | 91.6 | 91.8 | 92.0 | 92.1 | 92.5 | 92.5 | |
| GE 3000 | | 71.5 | 80.0 | 84.8 | 88.4 | 89.3 | 90.5 | 91.3 | 91.4 | 91.6 | 91.9 | 92.0 | 92.2 | 92.4 | 92.7 | 92.7 | |
| GE 2500 | | 71.6 | 80.1 | 85.0 | 88.5 | 89.5 | 90.7 | 91.4 | 91.5 | 91.8 | 92.0 | 92.1 | 92.4 | 92.5 | 92.8 | 92.8 | |
| GE 2000 | | 72.1 | 80.7 | 85.6 | 89.1 | 90.1 | 91.3 | 92.0 | 92.1 | 92.4 | 92.6 | 92.7 | 93.0 | 93.1 | 93.5 | 93.5 | |
| GE 1800 | | 72.4 | 81.0 | 85.8 | 89.3 | 90.3 | 91.5 | 92.2 | 92.4 | 92.6 | 92.8 | 93.0 | 93.2 | 93.3 | 93.7 | 93.7 | |
| GE 1500 | | 72.5 | 81.1 | 85.9 | 89.4 | 90.4 | 91.6 | 92.4 | 92.5 | 92.7 | 93.0 | 93.1 | 93.3 | 93.5 | 93.8 | 93.8 | |
| GE 1200 | | 72.8 | 81.6 | 86.4 | 90.1 | 91.0 | 92.2 | 93.0 | 93.1 | 93.3 | 93.6 | 93.7 | 93.9 | 94.1 | 94.4 | 94.4 | |
| GE 1000 | | 73.2 | 82.1 | 86.9 | 90.5 | 91.5 | 92.8 | 93.6 | 93.7 | 93.9 | 94.3 | 94.4 | 94.7 | 94.8 | 95.2 | 95.2 | |
| GE 900 | | 73.5 | 82.3 | 87.2 | 90.8 | 91.8 | 93.1 | 93.8 | 93.9 | 94.2 | 94.5 | 94.7 | 94.9 | 95.0 | 95.4 | 95.4 | |
| GE 800 | | 73.5 | 82.3 | 87.2 | 90.8 | 91.8 | 93.1 | 93.8 | 93.9 | 94.2 | 94.5 | 94.7 | 94.9 | 95.0 | 95.4 | 95.4 | |
| GE 700 | | 73.6 | 82.5 | 87.4 | 91.0 | 92.0 | 93.3 | 94.2 | 94.3 | 94.5 | 94.9 | 95.0 | 95.3 | 95.4 | 95.8 | 95.8 | |
| GE 600 | | 73.8 | 82.8 | 87.6 | 91.3 | 92.2 | 93.6 | 94.4 | 94.5 | 94.8 | 95.2 | 95.3 | 95.6 | 95.6 | 96.0 | 96.0 | |
| GE 500 | | 74.4 | 83.5 | 88.6 | 92.0 | 93.6 | 95.3 | 96.1 | 96.2 | 96.5 | 96.8 | 97.0 | 97.2 | 97.3 | 97.7 | 97.7 | |
| GE 400 | | 74.7 | 83.8 | 88.8 | 92.7 | 94.8 | 96.5 | 97.5 | 97.6 | 97.8 | 98.2 | 98.3 | 98.6 | 98.7 | 99.2 | 99.2 | |
| GE 300 | | 74.7 | 83.8 | 88.8 | 92.7 | 94.8 | 96.5 | 97.5 | 97.6 | 97.8 | 98.2 | 98.3 | 98.6 | 98.7 | 99.2 | 99.2 | |
| GE 200 | | 74.7 | 83.8 | 88.8 | 92.7 | 94.8 | 96.5 | 97.5 | 97.6 | 97.8 | 98.2 | 98.3 | 98.6 | 98.7 | 99.2 | 99.2 | |
| GE 100 | | 74.7 | 83.8 | 88.8 | 92.7 | 94.8 | 96.5 | 97.5 | 97.6 | 97.8 | 98.2 | 98.3 | 98.6 | 98.7 | 99.2 | 99.2 | |
| GE 0 | | 74.7 | 83.8 | 88.8 | 92.7 | 94.8 | 96.5 | 97.5 | 97.6 | 97.8 | 98.2 | 98.3 | 98.6 | 98.7 | 99.2 | 99.2 | |

TOTAL NUMBER OF OBSERVATIONS: 125

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 63.4 | 64.4 | 65.0 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| GE 20000 | | 72.5 | 73.5 | 74.2 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 18000 | | 72.6 | 73.6 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 16000 | | 72.6 | 73.6 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 14000 | | 73.0 | 74.1 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| GE 12000 | | 73.8 | 75.4 | 76.2 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 10000 | | 76.9 | 80.5 | 81.4 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 9000 | | 79.7 | 81.2 | 82.1 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 8000 | | 81.8 | 83.4 | 84.3 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| GE 7000 | | 82.2 | 83.8 | 84.6 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 6000 | | 82.7 | 84.4 | 85.2 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 5000 | | 82.8 | 84.5 | 85.4 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 4500 | | 82.9 | 84.7 | 85.6 | 86.3 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE 4000 | | 83.5 | 85.5 | 86.3 | 87.0 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 3500 | | 84.5 | 86.4 | 87.3 | 88.1 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 3000 | | 88.3 | 90.2 | 91.0 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 2500 | | 90.3 | 92.3 | 93.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 2000 | | 92.1 | 94.1 | 95.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 1800 | | 92.9 | 95.0 | 96.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 1500 | | 93.8 | 96.0 | 97.0 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 1200 | | 94.6 | 96.7 | 97.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1000 | | 95.2 | 97.3 | 98.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 900 | | 95.2 | 97.3 | 98.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 800 | | 95.2 | 97.3 | 98.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 700 | | 95.2 | 97.3 | 98.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 600 | | 95.2 | 97.3 | 98.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 500 | | 95.2 | 97.3 | 98.3 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | | 95.2 | 97.3 | 98.3 | 99.4 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 95.2 | 97.3 | 98.3 | 99.4 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 95.2 | 97.3 | 98.3 | 99.4 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 95.2 | 97.3 | 98.3 | 99.4 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 95.2 | 97.3 | 98.3 | 99.4 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .2 | 57.7 | 58.5 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| GE 20000 | .2 | 72.6 | 74.6 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 18000 | .2 | 72.6 | 74.6 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 16000 | .2 | 72.9 | 74.4 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 14000 | .2 | 73.4 | 74.9 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE 12000 | .2 | 74.3 | 76.0 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| GE 10000 | .2 | 78.6 | 80.6 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE 9000 | .2 | 79.0 | 81.0 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| GE 8000 | .2 | 81.0 | 83.1 | 83.6 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 7000 | .2 | 81.3 | 83.4 | 83.9 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| GE 6000 | .2 | 81.6 | 83.8 | 84.3 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 5000 | .2 | 82.1 | 84.3 | 84.8 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 4500 | .2 | 82.1 | 84.3 | 84.8 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 4000 | .2 | 83.1 | 85.3 | 85.9 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 3500 | .2 | 87.0 | 89.7 | 90.4 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 3000 | .2 | 92.3 | 95.2 | 96.2 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 2500 | .2 | 93.2 | 96.5 | 97.7 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 2000 | .2 | 93.3 | 96.7 | 97.8 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 1800 | .2 | 93.6 | 96.9 | 98.0 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 1500 | .2 | 93.8 | 97.2 | 98.3 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 1200 | .2 | 93.8 | 97.2 | 98.3 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 1000 | .2 | 94.1 | 97.4 | 98.5 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 900 | .2 | 94.1 | 97.4 | 98.5 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 800 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 0 | .2 | 94.1 | 97.4 | 98.5 | 99.1 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS: 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1500-1700

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|--|-----------------------------|------|------|------|------|-------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| IN FEET | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | .4 | 49.6 | 50.5 | 50.6 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| GE 20000 | | .4 | 73.2 | 74.3 | 74.5 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| GE 18000 | | .4 | 73.5 | 74.8 | 75.0 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 16000 | | .4 | 73.8 | 75.0 | 75.2 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 14000 | | .4 | 75.2 | 76.6 | 76.8 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 12000 | | .4 | 77.2 | 78.6 | 79.2 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 10000 | | .4 | 80.5 | 81.9 | 82.5 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 9000 | | .4 | 81.5 | 82.9 | 83.5 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 8000 | | .4 | 83.6 | 85.2 | 85.8 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 7000 | | .4 | 85.3 | 86.9 | 87.7 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 6000 | | .4 | 86.0 | 87.6 | 88.3 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 5000 | | .4 | 86.3 | 87.9 | 88.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 4500 | | .4 | 86.6 | 88.3 | 89.0 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 4000 | | .4 | 88.2 | 90.0 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 3500 | | .4 | 90.4 | 92.4 | 93.1 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 3000 | | .4 | 94.0 | 96.3 | 97.2 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 |
| GE 2500 | | .4 | 94.7 | 97.0 | 97.9 | 98.5 | 98.5 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| GE 2000 | | .4 | 94.8 | 97.3 | 98.2 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| GE 1800 | | .4 | 94.8 | 97.3 | 98.2 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| GE 1500 | | .4 | 95.1 | 97.5 | 98.4 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE 1200 | | .4 | 95.1 | 97.5 | 98.4 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE 1000 | | .4 | 95.2 | 97.7 | 98.5 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE 900 | | .4 | 95.2 | 97.7 | 98.5 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE 800 | | .4 | 95.2 | 97.7 | 98.5 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE 700 | | .4 | 95.2 | 97.7 | 98.5 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 |
| GE 600 | | .4 | 95.3 | 97.8 | 98.6 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE 500 | | .4 | 95.3 | 97.8 | 98.6 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 | | .4 | 95.3 | 97.8 | 98.6 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 300 | | .4 | 95.3 | 97.8 | 98.6 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 200 | | .4 | 95.3 | 97.8 | 98.6 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | | .4 | 95.3 | 97.8 | 98.6 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | | .4 | 95.3 | 97.8 | 98.6 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | 53.4 | 55.0 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| GE 20000 | | | 74.5 | 77.0 | 77.2 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| GE 18000 | | | 74.8 | 77.3 | 77.6 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| GE 16000 | | | 75.1 | 77.6 | 77.8 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| GE 14000 | | | 76.8 | 79.6 | 79.8 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 12000 | | | 78.8 | 81.7 | 82.3 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 10000 | | | 82.0 | 85.4 | 86.2 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 9000 | | | 82.4 | 85.7 | 86.6 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 8000 | | | 85.4 | 89.0 | 89.8 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 7000 | | | 85.6 | 89.3 | 90.2 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 6000 | | | 86.1 | 89.8 | 90.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 5000 | | | 86.2 | 90.2 | 91.1 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 4500 | | | 86.9 | 90.8 | 91.7 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 4000 | | | 87.7 | 91.9 | 92.8 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 3500 | | | 88.1 | 92.8 | 93.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 3000 | | | 89.8 | 94.7 | 95.8 | 97.1 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 2500 | | | 90.1 | 95.4 | 96.7 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 2000 | | | 90.2 | 95.5 | 96.9 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 1800 | | | 90.2 | 95.5 | 96.9 | 98.4 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 1500 | | | 90.2 | 95.5 | 96.9 | 98.4 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 1200 | | | 90.3 | 95.7 | 97.0 | 98.6 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 1000 | | | 90.7 | 96.0 | 97.4 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 |
| GE 900 | | | 90.7 | 96.0 | 97.4 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 |
| GE 800 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 700 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 600 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 500 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 300 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 200 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | | | 91.0 | 96.3 | 97.6 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78,80-86
MONTH: JUL HOURS (LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 74.0 | 76.5 | 77.5 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| GE 20000 | 81.3 | 84.9 | 86.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 18000 | 81.3 | 84.9 | 86.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 16000 | 81.3 | 84.9 | 86.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 14000 | 81.8 | 85.4 | 86.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 12000 | 84.1 | 87.9 | 89.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 10000 | 85.6 | 89.9 | 91.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 9000 | 86.8 | 91.2 | 92.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 8000 | 88.7 | 93.2 | 94.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 7000 | 88.9 | 93.4 | 94.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 6000 | 88.9 | 93.4 | 94.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 5000 | 89.1 | 93.5 | 95.0 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 4500 | 89.1 | 93.5 | 95.0 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 4000 | 89.4 | 94.0 | 95.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 3500 | 89.4 | 94.0 | 95.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 3000 | 90.4 | 95.0 | 97.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 2500 | 90.6 | 95.4 | 97.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 2000 | 90.6 | 95.4 | 97.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 1800 | 90.6 | 95.4 | 97.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 1600 | 90.7 | 95.5 | 97.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1400 | 91.1 | 95.9 | 98.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1200 | 91.1 | 95.9 | 98.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 91.1 | 95.9 | 98.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 91.1 | 95.9 | 98.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 91.1 | 95.9 | 98.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 700 | 91.1 | 95.9 | 98.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 600 | 91.1 | 95.9 | 98.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 91.2 | 96.0 | 98.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 91.4 | 96.2 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 91.4 | 96.2 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 91.4 | 96.2 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 91.4 | 96.2 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 91.4 | 96.2 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 604

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86

MONTH: JUL HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .1 | 60.0 | 63.3 | 65.0 | 66.1 | 66.4 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 |
| GE 20000 | .1 | 71.4 | 75.3 | 77.2 | 78.5 | 78.8 | 79.0 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 | 79.5 |
| GE 18000 | .1 | 71.6 | 75.4 | 77.4 | 78.7 | 79.0 | 79.2 | 79.3 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.6 | 79.7 | 79.7 |
| GE 16000 | .1 | 71.7 | 75.6 | 77.5 | 78.8 | 79.1 | 79.3 | 79.4 | 79.5 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 |
| GE 14000 | .1 | 72.4 | 76.3 | 78.3 | 79.6 | 79.9 | 80.1 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.6 | 80.6 |
| GE 12000 | .1 | 73.8 | 77.9 | 80.0 | 81.4 | 81.7 | 81.9 | 82.0 | 82.1 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 |
| GE 10000 | .1 | 77.1 | 81.5 | 83.8 | 85.2 | 85.6 | 85.8 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.4 | 86.4 |
| GE 9000 | .1 | 77.8 | 82.2 | 84.5 | 86.0 | 86.3 | 86.6 | 86.7 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.1 | 87.1 |
| GE 8000 | .1 | 79.8 | 84.4 | 86.9 | 88.4 | 88.8 | 89.0 | 89.2 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 |
| GE 7000 | .1 | 80.2 | 84.9 | 87.4 | 88.9 | 89.2 | 89.5 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 90.0 | 90.1 | 90.1 |
| GE 6000 | .1 | 80.6 | 85.2 | 87.7 | 89.3 | 89.6 | 89.9 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 |
| GE 5000 | .1 | 80.8 | 85.5 | 88.1 | 89.6 | 90.0 | 90.2 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.7 | 90.8 | 90.8 |
| GE 4500 | .1 | 81.0 | 85.8 | 88.3 | 89.9 | 90.2 | 90.5 | 90.7 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 91.0 | 91.1 | 91.1 |
| GE 4000 | .1 | 81.8 | 86.7 | 89.3 | 90.8 | 91.2 | 91.5 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 92.0 | 92.1 | 92.1 |
| GE 3500 | .1 | 82.9 | 87.9 | 90.5 | 92.1 | 92.5 | 92.8 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 |
| GE 3000 | .1 | 85.0 | 90.2 | 92.9 | 94.6 | 95.1 | 95.3 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 96.0 | 96.0 |
| GE 2500 | .1 | 85.6 | 91.0 | 93.7 | 95.5 | 96.0 | 96.2 | 96.5 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 |
| GE 2000 | .1 | 86.0 | 91.4 | 94.2 | 96.0 | 96.5 | 96.8 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.5 | 97.5 |
| GE 1800 | .1 | 86.2 | 91.7 | 94.4 | 96.2 | 96.7 | 97.0 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 |
| GE 1500 | .1 | 86.4 | 91.9 | 94.7 | 96.5 | 97.0 | 97.3 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 |
| GE 1200 | .1 | 86.7 | 92.2 | 95.0 | 96.8 | 97.3 | 97.6 | 97.9 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 |
| GE 1000 | .1 | 86.9 | 92.4 | 95.3 | 97.1 | 97.6 | 97.9 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 |
| GE 900 | .1 | 86.9 | 92.5 | 95.3 | 97.2 | 97.6 | 98.0 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 |
| GE 800 | .1 | 87.0 | 92.5 | 95.4 | 97.2 | 97.7 | 98.1 | 98.3 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 |
| GE 700 | .1 | 87.0 | 92.6 | 95.4 | 97.3 | 97.8 | 98.1 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 |
| GE 600 | .1 | 87.1 | 92.6 | 95.5 | 97.4 | 97.8 | 98.2 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 |
| GE 500 | .1 | 87.3 | 92.8 | 95.7 | 97.7 | 98.2 | 98.6 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 |
| GE 400 | .1 | 87.3 | 92.9 | 95.8 | 97.8 | 98.3 | 98.7 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 |
| GE 300 | .1 | 87.3 | 92.9 | 95.9 | 97.8 | 98.4 | 98.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 |
| GE 200 | .1 | 87.3 | 92.9 | 95.9 | 97.9 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.9 | 99.9 |
| GE 100 | .1 | 87.3 | 92.9 | 95.9 | 97.9 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 | 99.9 | 100.0 |
| GE 0 | .1 | 87.3 | 92.9 | 95.9 | 97.9 | 98.4 | 98.9 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.7 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 5863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: AUG HOURS (LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 71.7 | 79.1 | 82.7 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| GE 20000 | | 75.7 | 83.8 | 87.6 | 87.8 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 18000 | | 75.7 | 83.8 | 87.6 | 87.8 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 16000 | | 75.7 | 83.8 | 87.6 | 87.8 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 14000 | | 75.7 | 83.8 | 87.6 | 87.8 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 12000 | | 76.7 | 84.8 | 88.6 | 88.8 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 10000 | | 78.9 | 87.3 | 91.3 | 91.5 | 91.5 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 9000 | | 79.6 | 88.1 | 92.1 | 92.3 | 92.3 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 8000 | | 80.1 | 88.9 | 93.3 | 93.8 | 93.8 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 7000 | | 80.1 | 88.9 | 93.3 | 93.8 | 93.8 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 6000 | | 80.2 | 89.1 | 93.5 | 94.0 | 94.0 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 5000 | | 80.2 | 89.1 | 93.5 | 94.0 | 94.0 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 4500 | | 80.2 | 89.1 | 93.5 | 94.0 | 94.0 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 4000 | | 80.4 | 89.3 | 93.6 | 94.1 | 94.1 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 3500 | | 80.6 | 89.4 | 93.8 | 94.3 | 94.3 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 3000 | | 80.6 | 89.4 | 93.8 | 94.3 | 94.3 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 2500 | | 80.7 | 89.6 | 94.0 | 94.5 | 94.5 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 2000 | | 81.2 | 90.1 | 94.5 | 95.0 | 95.0 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 1800 | | 81.2 | 90.1 | 94.5 | 95.0 | 95.0 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 1500 | | 81.6 | 90.5 | 94.8 | 95.3 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 1200 | | 81.6 | 90.6 | 95.0 | 95.5 | 95.5 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 1000 | | 81.6 | 90.6 | 95.0 | 95.5 | 95.5 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 900 | | 81.9 | 91.0 | 95.3 | 95.8 | 95.8 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 800 | | 82.1 | 91.1 | 95.5 | 96.0 | 96.0 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 700 | | 82.4 | 91.5 | 95.8 | 96.3 | 96.3 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 600 | | 82.6 | 91.8 | 96.6 | 97.2 | 97.2 | 97.3 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 500 | | 82.6 | 92.1 | 97.2 | 97.7 | 97.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 400 | | 82.6 | 92.3 | 97.3 | 98.0 | 98.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 300 | | 82.6 | 92.3 | 97.3 | 98.2 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 200 | | 82.6 | 92.3 | 97.3 | 98.2 | 98.5 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 100 | | 82.6 | 92.3 | 97.3 | 98.2 | 98.5 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 0 | | 82.6 | 92.3 | 97.3 | 98.2 | 98.5 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 597

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: AUG HOURS(IST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | 59.8 | 69.9 | 74.1 | 77.8 | 77.9 | 78.2 | 78.5 | 78.5 | 78.7 | 78.8 | 79.0 | 79.1 | 79.3 | 79.4 | 79.6 |
| GE 20000 | | 63.5 | 74.6 | 79.4 | 83.1 | 83.2 | 83.5 | 83.8 | 83.8 | 84.0 | 84.1 | 84.3 | 84.4 | 84.6 | 84.7 | 84.9 |
| GE 18000 | | 63.5 | 74.6 | 79.4 | 83.1 | 83.2 | 83.5 | 83.8 | 83.8 | 84.0 | 84.1 | 84.3 | 84.4 | 84.6 | 84.7 | 84.9 |
| GE 16000 | | 63.5 | 74.6 | 79.4 | 83.1 | 83.2 | 83.5 | 83.8 | 83.8 | 84.0 | 84.1 | 84.3 | 84.4 | 84.6 | 84.7 | 84.9 |
| GE 14000 | | 63.5 | 74.6 | 79.4 | 83.1 | 83.2 | 83.5 | 83.8 | 83.8 | 84.0 | 84.1 | 84.3 | 84.4 | 84.6 | 84.7 | 84.9 |
| GE 12000 | | 64.0 | 75.0 | 79.9 | 83.7 | 83.8 | 84.1 | 84.4 | 84.4 | 84.6 | 84.7 | 84.9 | 85.0 | 85.2 | 85.3 | 85.5 |
| GE 10000 | | 65.1 | 76.9 | 82.3 | 86.2 | 86.4 | 86.8 | 87.1 | 87.1 | 87.3 | 87.4 | 87.6 | 87.7 | 87.9 | 88.0 | 88.2 |
| GE 9000 | | 65.4 | 77.2 | 82.6 | 86.5 | 86.7 | 87.1 | 87.4 | 87.4 | 87.6 | 87.7 | 87.9 | 88.0 | 88.2 | 88.4 | 88.5 |
| GE 8000 | | 66.3 | 78.4 | 84.4 | 88.8 | 89.0 | 89.6 | 89.9 | 89.9 | 90.0 | 90.2 | 90.3 | 90.5 | 90.6 | 90.8 | 90.9 |
| GE 7000 | | 66.3 | 78.4 | 84.4 | 88.8 | 89.0 | 89.6 | 89.9 | 89.9 | 90.0 | 90.2 | 90.3 | 90.5 | 90.6 | 90.8 | 90.9 |
| GE 6000 | | 66.4 | 78.5 | 84.7 | 89.1 | 89.3 | 89.9 | 90.2 | 90.2 | 90.3 | 90.5 | 90.6 | 90.8 | 90.9 | 91.1 | 91.2 |
| GE 5000 | | 66.4 | 78.5 | 84.7 | 89.1 | 89.3 | 89.9 | 90.2 | 90.2 | 90.3 | 90.5 | 90.6 | 90.8 | 90.9 | 91.1 | 91.2 |
| GE 4500 | | 66.6 | 78.7 | 85.0 | 89.4 | 89.7 | 90.3 | 90.6 | 90.6 | 90.8 | 90.9 | 91.1 | 91.2 | 91.4 | 91.5 | 91.7 |
| GE 4000 | | 66.6 | 78.7 | 85.2 | 89.6 | 89.9 | 90.5 | 90.8 | 90.8 | 90.9 | 91.1 | 91.2 | 91.4 | 91.5 | 91.7 | 91.8 |
| GE 3500 | | 66.6 | 78.8 | 85.3 | 89.7 | 90.0 | 90.6 | 90.9 | 90.9 | 91.1 | 91.2 | 91.4 | 91.5 | 91.7 | 91.8 | 92.0 |
| GE 3000 | | 66.9 | 79.1 | 85.6 | 90.0 | 90.3 | 90.9 | 91.2 | 91.2 | 91.4 | 91.5 | 91.7 | 91.8 | 92.0 | 92.1 | 92.3 |
| GE 2500 | | 66.9 | 79.3 | 85.8 | 90.2 | 90.5 | 91.1 | 91.4 | 91.4 | 91.5 | 91.7 | 91.8 | 92.0 | 92.1 | 92.3 | 92.4 |
| GE 2000 | | 67.0 | 79.4 | 85.9 | 90.3 | 90.6 | 91.2 | 91.5 | 91.5 | 91.7 | 91.8 | 92.0 | 92.1 | 92.3 | 92.4 | 92.6 |
| GE 1800 | | 67.0 | 79.4 | 85.9 | 90.3 | 90.6 | 91.2 | 91.5 | 91.5 | 91.7 | 91.8 | 92.0 | 92.1 | 92.3 | 92.4 | 92.6 |
| GE 1500 | | 67.3 | 79.7 | 86.2 | 90.6 | 90.9 | 91.5 | 91.8 | 91.8 | 92.0 | 92.1 | 92.3 | 92.4 | 92.6 | 92.7 | 92.9 |
| GE 1200 | | 67.3 | 79.7 | 86.2 | 90.6 | 90.9 | 91.5 | 91.8 | 91.8 | 92.0 | 92.1 | 92.3 | 92.4 | 92.6 | 92.7 | 92.9 |
| GE 1000 | | 67.6 | 80.0 | 86.5 | 90.9 | 91.2 | 92.0 | 92.3 | 92.3 | 92.4 | 92.6 | 92.7 | 92.9 | 93.0 | 93.2 | 93.3 |
| GE 900 | | 67.6 | 80.0 | 86.5 | 90.9 | 91.2 | 92.0 | 92.3 | 92.3 | 92.4 | 92.6 | 92.7 | 92.9 | 93.0 | 93.2 | 93.3 |
| GE 800 | | 68.1 | 80.6 | 87.4 | 91.8 | 92.3 | 93.0 | 93.3 | 93.3 | 93.5 | 93.6 | 93.8 | 93.9 | 94.1 | 94.3 | 94.4 |
| GE 700 | | 68.1 | 80.6 | 87.4 | 91.8 | 92.3 | 93.0 | 93.3 | 93.3 | 93.5 | 93.6 | 93.8 | 93.9 | 94.1 | 94.3 | 94.4 |
| GE 600 | | 68.2 | 80.8 | 87.6 | 92.0 | 92.4 | 93.2 | 93.5 | 93.5 | 93.6 | 93.8 | 93.9 | 94.1 | 94.3 | 94.4 | 94.6 |
| GE 500 | | 68.4 | 81.1 | 87.9 | 92.3 | 92.7 | 93.5 | 93.8 | 93.8 | 93.9 | 94.1 | 94.3 | 94.4 | 94.6 | 94.7 | 94.9 |
| GE 400 | | 68.4 | 81.4 | 88.5 | 93.2 | 93.6 | 94.4 | 95.2 | 95.2 | 95.3 | 95.5 | 95.6 | 95.8 | 95.9 | 96.1 | 96.2 |
| GE 300 | | 68.5 | 81.8 | 89.1 | 93.9 | 94.6 | 95.3 | 96.2 | 96.4 | 96.5 | 97.1 | 97.3 | 97.6 | 97.7 | 97.9 | 98.0 |
| GE 200 | | 68.5 | 81.8 | 89.3 | 94.3 | 95.0 | 95.8 | 96.7 | 96.8 | 97.1 | 97.9 | 98.0 | 98.3 | 98.6 | 98.9 | 99.4 |
| GE 100 | | 68.5 | 81.8 | 89.3 | 94.3 | 95.0 | 95.8 | 96.7 | 96.8 | 97.1 | 97.9 | 98.0 | 98.3 | 98.8 | 99.1 | 99.8 |
| GE 0 | | 68.5 | 81.8 | 89.3 | 94.3 | 95.0 | 95.8 | 96.7 | 96.8 | 97.1 | 97.9 | 98.0 | 98.3 | 98.8 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 661

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86

MONTH: AUG HOURS(EST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GF 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 50.6 | 58.3 | 63.5 | 66.9 | 67.8 | 69.6 | 70.1 | 70.1 | 70.4 | 70.6 | 70.6 | 70.9 | 71.1 | 71.5 | 71.5 | |
| GE 20000 | 54.9 | 62.8 | 68.1 | 71.8 | 72.7 | 74.5 | 75.1 | 75.1 | 75.6 | 75.9 | 75.8 | 76.2 | 76.4 | 76.9 | 76.9 | |
| GE 18000 | 54.9 | 62.8 | 68.1 | 71.8 | 72.7 | 74.5 | 75.1 | 75.1 | 75.6 | 75.8 | 75.8 | 76.2 | 76.4 | 76.9 | 76.9 | |
| GE 16000 | 54.9 | 62.8 | 68.1 | 71.8 | 72.7 | 74.5 | 75.1 | 75.1 | 75.6 | 75.8 | 75.8 | 76.2 | 76.4 | 76.9 | 76.9 | |
| GE 14000 | 55.2 | 63.2 | 68.4 | 72.1 | 73.0 | 74.9 | 75.5 | 75.5 | 75.9 | 76.2 | 76.2 | 76.5 | 76.7 | 77.2 | 77.2 | |
| GE 12000 | 56.7 | 64.9 | 70.3 | 74.0 | 74.9 | 76.9 | 77.4 | 77.4 | 77.9 | 78.1 | 78.1 | 78.5 | 78.7 | 79.2 | 79.2 | |
| GE 10000 | 58.7 | 67.2 | 72.8 | 76.6 | 77.5 | 79.6 | 80.2 | 80.2 | 80.7 | 80.9 | 80.9 | 81.3 | 81.5 | 81.9 | 81.9 | |
| GE 9000 | 58.9 | 67.7 | 73.3 | 77.1 | 78.0 | 80.1 | 80.7 | 80.7 | 81.1 | 81.4 | 81.4 | 81.7 | 81.9 | 82.4 | 82.4 | |
| GE 8000 | 60.6 | 69.4 | 75.1 | 79.1 | 80.1 | 82.2 | 82.8 | 82.8 | 83.4 | 83.7 | 83.7 | 84.3 | 84.5 | 85.0 | 85.1 | |
| GE 7000 | 60.9 | 69.7 | 75.5 | 79.4 | 80.4 | 82.5 | 83.1 | 83.1 | 83.8 | 84.0 | 84.0 | 84.6 | 84.8 | 85.3 | 85.4 | |
| GE 6000 | 60.9 | 69.7 | 75.7 | 79.7 | 80.8 | 82.9 | 83.4 | 83.4 | 84.1 | 84.4 | 84.4 | 85.0 | 85.2 | 85.6 | 85.8 | |
| GE 5000 | 61.1 | 70.3 | 76.3 | 80.6 | 81.7 | 83.9 | 84.5 | 84.5 | 85.2 | 85.4 | 85.4 | 86.0 | 86.2 | 86.7 | 86.8 | |
| GE 4500 | 61.6 | 70.7 | 76.7 | 81.0 | 82.2 | 84.5 | 85.2 | 85.2 | 85.9 | 86.1 | 86.1 | 86.7 | 86.9 | 87.4 | 87.5 | |
| GE 4000 | 61.9 | 71.3 | 77.3 | 82.1 | 83.4 | 85.8 | 86.5 | 86.5 | 87.2 | 87.4 | 87.4 | 88.0 | 88.2 | 88.7 | 88.8 | |
| GE 3500 | 62.3 | 71.8 | 77.8 | 82.5 | 83.9 | 86.2 | 86.9 | 86.9 | 87.6 | 87.8 | 87.8 | 88.4 | 88.7 | 89.1 | 89.2 | |
| GE 3000 | 62.5 | 72.0 | 78.0 | 82.8 | 84.1 | 86.5 | 87.3 | 87.3 | 88.0 | 88.2 | 88.2 | 88.8 | 89.0 | 89.5 | 89.6 | |
| GE 2500 | 62.6 | 72.3 | 78.5 | 83.2 | 84.6 | 86.9 | 87.7 | 87.7 | 88.4 | 88.7 | 88.7 | 89.2 | 89.5 | 89.9 | 90.0 | |
| GE 2000 | 62.6 | 72.3 | 78.6 | 83.3 | 84.7 | 87.2 | 88.0 | 88.0 | 88.7 | 88.9 | 88.9 | 89.5 | 89.8 | 90.3 | 90.4 | |
| GE 1800 | 62.7 | 72.5 | 78.7 | 83.4 | 84.8 | 87.3 | 88.1 | 88.1 | 88.8 | 89.0 | 89.0 | 89.6 | 89.9 | 90.4 | 90.5 | |
| GE 1500 | 62.7 | 72.5 | 78.7 | 83.4 | 84.8 | 87.3 | 88.1 | 88.1 | 88.8 | 89.0 | 89.0 | 89.6 | 89.9 | 90.4 | 90.5 | |
| GE 1200 | 63.2 | 72.9 | 79.3 | 84.1 | 85.5 | 88.0 | 88.8 | 88.8 | 89.5 | 89.7 | 89.7 | 90.3 | 90.6 | 91.1 | 91.2 | |
| GE 1000 | 63.3 | 73.0 | 79.5 | 84.4 | 85.8 | 88.2 | 89.0 | 89.0 | 89.7 | 89.9 | 89.9 | 90.5 | 90.9 | 91.3 | 91.4 | |
| GE 900 | 63.3 | 73.0 | 79.5 | 84.4 | 85.8 | 88.2 | 89.0 | 89.0 | 89.7 | 89.9 | 89.9 | 90.5 | 90.9 | 91.3 | 91.4 | |
| GE 800 | 63.9 | 73.7 | 80.2 | 85.2 | 86.6 | 89.4 | 90.2 | 90.2 | 90.9 | 91.1 | 91.1 | 91.7 | 92.0 | 92.5 | 92.6 | |
| GE 700 | 64.5 | 74.3 | 80.9 | 86.1 | 87.6 | 90.5 | 91.3 | 91.3 | 92.0 | 92.2 | 92.2 | 92.8 | 93.2 | 93.6 | 93.8 | |
| GE 600 | 64.8 | 74.8 | 81.7 | 87.2 | 88.7 | 91.8 | 92.6 | 92.7 | 93.4 | 93.6 | 93.6 | 94.2 | 94.7 | 95.1 | 95.3 | |
| GE 500 | 64.6 | 74.8 | 81.8 | 87.3 | 88.9 | 92.1 | 92.9 | 93.1 | 93.8 | 94.0 | 94.0 | 94.6 | 95.1 | 95.6 | 95.8 | |
| GE 400 | 65.0 | 75.2 | 82.4 | 88.7 | 90.5 | 93.9 | 94.8 | 94.9 | 95.6 | 95.8 | 95.8 | 96.5 | 97.1 | 97.6 | 97.8 | |
| GE 300 | 65.2 | 75.3 | 82.6 | 89.0 | 91.0 | 94.3 | 95.3 | 95.4 | 96.3 | 96.6 | 96.6 | 97.6 | 98.1 | 98.7 | 99.1 | |
| GE 200 | 65.2 | 75.3 | 82.6 | 89.0 | 91.0 | 94.3 | 95.3 | 95.4 | 96.3 | 96.8 | 96.8 | 97.7 | 98.5 | 99.1 | 99.9 | |
| GE 100 | 65.2 | 75.3 | 82.6 | 89.0 | 91.0 | 94.3 | 95.3 | 95.4 | 96.3 | 96.8 | 96.8 | 97.7 | 98.6 | 99.2 | 100.0 | |
| GE 0 | 65.2 | 75.3 | 82.6 | 89.0 | 91.0 | 94.3 | 95.3 | 95.4 | 96.3 | 96.8 | 96.8 | 97.7 | 98.6 | 99.2 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 864

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | 63.4 | 66.7 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| GE 20000 | 71.3 | 74.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| GE 18000 | 71.3 | 74.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| GE 16000 | 71.3 | 74.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| GE 14000 | 71.4 | 74.4 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 12000 | 73.4 | 76.6 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 10000 | 74.7 | 78.3 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| GE 9000 | 75.3 | 78.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| GE 8000 | 78.0 | 82.2 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 7000 | 78.4 | 82.6 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 6000 | 78.5 | 82.7 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 5000 | 79.0 | 83.2 | 84.4 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 4500 | 79.7 | 83.9 | 85.1 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 4000 | 80.1 | 84.7 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 3500 | 80.8 | 85.4 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 3000 | 84.1 | 88.7 | 90.1 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 2500 | 84.8 | 89.5 | 90.9 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 2000 | 86.3 | 91.4 | 92.9 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 1800 | 87.3 | 92.5 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 1500 | 87.9 | 93.5 | 95.0 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 1200 | 89.0 | 94.6 | 96.4 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 1000 | 89.7 | 95.5 | 97.2 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 900 | 89.9 | 95.8 | 97.6 | 98.1 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 800 | 89.9 | 95.8 | 97.6 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 700 | 90.1 | 96.2 | 97.9 | 98.8 | 99.0 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 600 | 90.1 | 96.4 | 98.1 | 99.1 | 99.2 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 90.1 | 96.4 | 98.4 | 99.3 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 90.1 | 96.4 | 98.4 | 99.4 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 90.1 | 96.4 | 98.4 | 99.4 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 90.1 | 96.4 | 98.4 | 99.4 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 90.1 | 96.4 | 98.4 | 99.4 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 70 | 90.1 | 96.4 | 98.4 | 99.4 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722393 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 1200-1400

| CEILING IN FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | VISIBILITY IN STATUTE MILES | | | | | | VISIBILITY IN STATUTE MILES | | | | | |
|-----------------------|---|-----------------------------|------|------|------|------|-------|-----------------------------|-------|-------|------|------|------|-----------------------------|------|------|------|----|----|
| | | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 | | |
| NO CEIL | 1 | .2 | 58.9 | 60.7 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | | |
| GE 20000 | 1 | .2 | 70.6 | 72.8 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | | |
| GE 18000 | 1 | .2 | 70.7 | 72.9 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | | |
| GE 16000 | 1 | .2 | 70.7 | 72.9 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | | |
| GE 14000 | 1 | .2 | 71.5 | 73.7 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | | |
| GE 12000 | 1 | .2 | 73.2 | 75.5 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | | |
| GE 10000 | 1 | .2 | 75.5 | 77.7 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | | |
| GE 9000 | 1 | .2 | 76.2 | 78.4 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | | |
| GE 8000 | 1 | .2 | 77.1 | 79.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | | |
| GE 7000 | 1 | .2 | 78.3 | 80.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | | |
| GE 6000 | 1 | .2 | 78.7 | 81.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | | |
| GE 5000 | 1 | .2 | 79.3 | 81.4 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | | |
| GE 4500 | 1 | .2 | 79.8 | 82.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | | |
| GE 4000 | 1 | .2 | 81.4 | 84.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | | |
| GE 3500 | 1 | .2 | 83.2 | 86.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | | |
| GE 3000 | 1 | .2 | 89.5 | 93.2 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | | |
| GE 2500 | 1 | .2 | 90.7 | 94.5 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | | |
| GE 2000 | 1 | .2 | 92.1 | 95.9 | 97.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | | |
| GE 1800 | 1 | .2 | 92.2 | 96.0 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | | |
| GE 1500 | 1 | .2 | 92.4 | 96.3 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | | |
| GE 1200 | 1 | .2 | 92.5 | 96.5 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | | |
| GE 1000 | 1 | .2 | 92.9 | 96.8 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | | |
| GE 900 | 1 | .2 | 93.0 | 97.0 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | | |
| GE 800 | 1 | .2 | 93.0 | 97.0 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | | |
| GE 700 | 1 | .2 | 93.1 | 97.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |
| GE 600 | 1 | .2 | 93.1 | 97.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |
| GE 500 | 1 | .2 | 93.1 | 97.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |
| GE 400 | 1 | .2 | 93.1 | 97.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |
| GE 300 | 1 | .2 | 93.1 | 97.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |
| GE 200 | 1 | .2 | 93.1 | 97.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |
| GE 100 | 1 | .2 | 93.1 | 97.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |
| GE 0 | 1 | .2 | 93.1 | 97.1 | 98.8 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | | |

TOTAL NUMBER OF OBSERVATIONS: 956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(1511): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 1 | GE 10 | GF 6 | GF 5 | GF 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GF 5/8 | GE 1/2 | GE 5/16 | GF 1/4 |
| NO CEIL | 1 | | 51.7 | 52.9 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| GE 20000 | | | 69.1 | 70.9 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 18000 | | | 69.5 | 71.3 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 16000 | | | 69.5 | 71.3 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 14000 | | | 70.1 | 72.2 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 12000 | | | 71.9 | 74.0 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| GE 10000 | | | 76.6 | 78.7 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 9000 | | | 77.4 | 79.9 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| GE 8000 | | | 79.8 | 82.7 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 7000 | | | 80.7 | 83.7 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 6000 | | | 81.5 | 84.6 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 5000 | | | 81.6 | 84.7 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 4500 | | | 81.8 | 84.8 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 4000 | | | 84.1 | 87.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 3500 | | | 86.1 | 89.6 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 3000 | | | 89.1 | 93.3 | 95.8 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 2500 | | | 89.7 | 94.0 | 96.5 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 2000 | | | 89.9 | 94.3 | 96.7 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 1800 | | | 89.9 | 94.4 | 97.0 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 1500 | | | 89.9 | 94.5 | 97.1 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 1200 | | | 90.4 | 95.0 | 97.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1000 | | | 90.5 | 95.1 | 97.8 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 |
| GE 900 | | | 90.6 | 95.2 | 97.9 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 |
| GE 800 | | | 90.6 | 95.2 | 97.9 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 |
| GE 700 | | | 90.8 | 95.3 | 98.0 | 98.9 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 |
| GE 600 | | | 90.8 | 95.3 | 98.0 | 98.9 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 |
| GE 500 | | | 90.8 | 95.4 | 98.1 | 99.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 400 | | | 90.8 | 95.4 | 98.1 | 99.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 300 | | | 90.8 | 95.4 | 98.1 | 99.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 200 | | | 90.8 | 95.4 | 98.1 | 99.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 100 | | | 90.8 | 95.4 | 98.1 | 99.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 0 | | | 90.8 | 95.4 | 98.1 | 99.1 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 855

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(EST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 57.3 | 61.4 | 62.9 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 20000 | 72.9 | 77.4 | 79.3 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 18000 | 73.1 | 77.7 | 79.6 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| GE 16000 | 73.1 | 77.7 | 79.6 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| GE 14000 | 74.1 | 78.7 | 80.6 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 12000 | 76.0 | 80.7 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 10000 | 79.6 | 84.3 | 86.3 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 9000 | 80.5 | 85.3 | 87.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 8000 | 83.1 | 88.4 | 90.6 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 7000 | 83.3 | 88.6 | 90.8 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 6000 | 83.7 | 89.1 | 91.3 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 5000 | 83.9 | 89.3 | 91.5 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 4500 | 84.4 | 89.6 | 92.0 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 4000 | 86.0 | 91.8 | 94.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 3500 | 87.0 | 93.1 | 95.5 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 3000 | 87.8 | 94.0 | 96.5 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 2500 | 88.0 | 94.2 | 96.8 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 2000 | 88.5 | 94.7 | 97.3 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 1800 | 88.5 | 94.7 | 97.3 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 1600 | 88.8 | 95.1 | 97.8 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 1400 | 89.0 | 95.3 | 98.0 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 1200 | 89.0 | 95.3 | 98.0 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 1000 | 89.0 | 95.3 | 98.0 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 900 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 800 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 700 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 600 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 500 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 400 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 100 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 0 | 89.2 | 95.7 | 98.4 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |

TOTAL NUMBER OF OBSERVATIONS: 851

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 40-BA
MONTH: AUG HOURS: 1111-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 74.2 | 79.7 | 81.8 | 82.0 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| GE 20000 | 79.6 | 85.3 | 87.5 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 18000 | 79.6 | 85.3 | 87.5 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 16000 | 79.6 | 85.3 | 87.5 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 14000 | 79.7 | 85.4 | 87.7 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 12000 | 80.2 | 85.9 | 88.1 | 88.1 | 88.3 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 10000 | 81.4 | 88.1 | 90.3 | 90.5 | 90.5 | 90.8 | 90.8 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 9000 | 83.7 | 89.4 | 91.6 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 8000 | 85.8 | 91.5 | 94.0 | 94.1 | 94.1 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 7000 | 85.9 | 91.6 | 94.1 | 94.1 | 94.3 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 6000 | 86.1 | 91.8 | 94.3 | 94.3 | 94.5 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 5000 | 86.1 | 91.8 | 94.3 | 94.5 | 94.5 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 4500 | 86.2 | 91.9 | 94.5 | 94.6 | 94.6 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 4000 | 86.9 | 92.6 | 95.1 | 95.3 | 95.3 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 3500 | 87.5 | 93.4 | 95.9 | 96.0 | 96.0 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 3000 | 88.0 | 94.1 | 96.8 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 2500 | 88.0 | 94.3 | 97.0 | 97.2 | 97.2 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 2000 | 88.1 | 94.6 | 97.3 | 97.5 | 97.5 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 1800 | 88.3 | 94.8 | 97.5 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 1500 | 88.8 | 95.3 | 97.9 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 1200 | 88.8 | 95.3 | 97.9 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 1000 | 88.9 | 95.4 | 98.1 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 900 | 88.9 | 95.6 | 98.3 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 800 | 88.9 | 95.7 | 98.4 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 700 | 88.9 | 95.7 | 98.4 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 600 | 88.9 | 95.7 | 98.4 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 500 | 88.9 | 95.7 | 98.4 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 400 | 88.9 | 95.7 | 98.4 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 300 | 88.9 | 95.7 | 98.4 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 200 | 88.9 | 95.7 | 98.4 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 100 | 88.9 | 95.7 | 98.4 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 0 | 89.4 | 96.4 | 99.1 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 637

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(DST): ALL

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|---------|---------|-----------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|--|
| | | 1/8 | 1/4 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/8 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/4 | 2 1/2 | 2 3/4 | 3 | |
| NO. | CEILING | 1 | 1/4 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/8 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/4 | 2 1/2 | 2 3/4 | 3 | |
| 01 | 10000 | 1.0 | 69.2 | 79.2 | 77.1 | 78.7 | 78.4 | 78.7 | 79.8 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.1 | 79.1 | 79.2 | 79.2 | |
| 02 | 10000 | 1.0 | 69.2 | 79.2 | 77.1 | 78.7 | 78.4 | 78.7 | 79.8 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.1 | 79.1 | 79.2 | 79.2 | |
| 03 | 16000 | 1.0 | 69.2 | 79.2 | 77.1 | 78.7 | 78.4 | 78.7 | 79.8 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.1 | 79.1 | 79.2 | 79.2 | |
| 04 | 18000 | 1.0 | 69.2 | 79.2 | 77.1 | 78.7 | 78.4 | 78.7 | 79.8 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.1 | 79.1 | 79.2 | 79.2 | |
| 05 | 12000 | 1.0 | 71.2 | 71.2 | 79.3 | 80.1 | 80.5 | 80.8 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | |
| 06 | 10000 | 1.0 | 75.7 | 75.3 | 82.0 | 83.1 | 83.3 | 83.7 | 84.8 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | |
| 07 | 9000 | 1.0 | 78.7 | 81.1 | 81.8 | 83.7 | 84.1 | 84.5 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | |
| 08 | 8000 | 1.0 | 76.1 | 81.1 | 85.1 | 86.8 | 86.5 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | |
| 09 | 7000 | 1.0 | 76.1 | 81.1 | 85.1 | 86.8 | 86.5 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | |
| 10 | 6000 | 1.0 | 76.1 | 81.1 | 85.1 | 86.8 | 86.5 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | |
| 11 | 5000 | 1.0 | 77.1 | 85.2 | 86.2 | 87.6 | 87.6 | 87.7 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | |
| 12 | 4500 | 1.0 | 77.1 | 87.5 | 86.6 | 87.9 | 88.1 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | |
| 13 | 4000 | 1.0 | 78.4 | 88.7 | 87.8 | 89.0 | 89.4 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | |
| 14 | 3500 | 1.0 | 79.3 | 88.7 | 89.0 | 90.4 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | |
| 15 | 3000 | 1.0 | 81.2 | 88.1 | 91.3 | 92.9 | 93.1 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | |
| 16 | 2500 | 1.0 | 81.2 | 88.1 | 91.9 | 93.9 | 93.6 | 94.1 | 94.3 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | |
| 17 | 2000 | 1.0 | 81.2 | 88.1 | 92.5 | 94.1 | 94.4 | 94.8 | 95.0 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | |
| 18 | 1800 | 1.0 | 81.2 | 88.1 | 92.8 | 94.4 | 94.6 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | |
| 19 | 1500 | 1.0 | 81.2 | 88.1 | 93.1 | 94.7 | 95.0 | 95.5 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | |
| 20 | 1200 | 1.0 | 81.2 | 88.1 | 93.6 | 95.1 | 95.4 | 95.9 | 96.1 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | |
| 21 | 1000 | 1.0 | 81.2 | 88.1 | 93.8 | 95.5 | 95.7 | 96.3 | 96.5 | 96.5 | 96.6 | 96.7 | 96.7 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | |
| 22 | 900 | 1.0 | 81.3 | 88.1 | 94.0 | 95.6 | 95.9 | 96.4 | 96.6 | 96.6 | 96.8 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | |
| 23 | 800 | 1.0 | 81.3 | 88.1 | 94.3 | 95.9 | 96.2 | 96.8 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.5 | 97.6 | 97.6 | |
| 24 | 700 | 1.0 | 81.3 | 88.1 | 94.9 | 96.5 | 96.6 | 97.2 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 | |
| 25 | 600 | 1.0 | 81.3 | 88.1 | 91.1 | 94.7 | 96.5 | 96.6 | 97.5 | 97.7 | 97.8 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | |
| 26 | 500 | 1.0 | 83.8 | 91.1 | 94.9 | 96.6 | 97.0 | 97.7 | 97.9 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | |
| 27 | 400 | 1.0 | 83.8 | 91.1 | 95.0 | 97.1 | 97.4 | 98.1 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | |
| 28 | 300 | 1.0 | 83.9 | 91.4 | 95.2 | 97.2 | 97.7 | 98.4 | 98.7 | 98.7 | 98.9 | 99.0 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | |
| 29 | 200 | 1.0 | 83.9 | 91.4 | 95.2 | 97.2 | 97.7 | 98.4 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.4 | 99.6 | 99.7 | 99.9 | 99.9 | |
| 30 | 100 | 1.0 | 83.9 | 91.4 | 95.2 | 97.2 | 97.7 | 98.4 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.4 | 99.6 | 99.8 | 100.0 | 100.0 | |
| 31 | 0 | 1.0 | 83.9 | 91.4 | 95.2 | 97.2 | 97.7 | 98.4 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.4 | 99.6 | 99.8 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 6177

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722190 STATION NAME: FT FOUR LA

PERIOD OF RECORD: 74-87
MONTH: MAR HOURS(EST): 1800-2000

| CEILING IN FEET | 1 | GE | GE | GE | GE | GE | GE | VISIBILITY IN STATUTE MILES | | | | | | | | GE | GE | GE | GE | GE | GE |
|-----------------------|---|------|------|------|------|------|-------|-----------------------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | GE | GE | GE | GE | GE | GE | GE | GE | | | | | | |
| | | 10 | 0 | | 4 | 7 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 7/16 | | | | | | |
| NO CELL | 1 | 1 | 66.5 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| GE 10000 | 1 | 65.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 18000 | 1 | 65.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 16000 | 1 | 65.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 14000 | 1 | 66.2 | 67.1 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 12000 | 1 | 66.7 | 67.6 | 68.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| GE 10000 | 1 | 66.7 | 69.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 9000 | 1 | 68.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 8000 | 1 | 71.1 | 72.8 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 7000 | 1 | 72.4 | 74.2 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| GE 6000 | 1 | 73.4 | 75.2 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| GE 5000 | 1 | 75.5 | 77.2 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| GE 4000 | 1 | 77.0 | 78.9 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 3000 | 1 | 79.2 | 81.2 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 2000 | 1 | 82.1 | 84.6 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| GE 1000 | 1 | 84.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 2000 | 1 | 85.2 | 87.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 1000 | 1 | 85.4 | 87.5 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 1000 | 1 | 86.0 | 88.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 1000 | 1 | 87.6 | 90.2 | 91.0 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 1000 | 1 | 88.3 | 91.4 | 93.3 | 94.2 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 1000 | 1 | 88.6 | 91.1 | 94.0 | 94.9 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 1000 | 1 | 88.8 | 91.2 | 94.6 | 95.6 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 1000 | 1 | 88.8 | 91.2 | 94.9 | 96.1 | 96.9 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 1000 | 1 | 89.0 | 92.2 | 95.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 1000 | 1 | 89.5 | 93.5 | 95.8 | 96.1 | 97.8 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 1000 | 1 | 89.5 | 93.6 | 96.1 | 97.5 | 98.2 | 98.6 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1000 | 1 | 89.5 | 93.9 | 96.2 | 97.4 | 98.4 | 98.7 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1000 | 1 | 89.5 | 93.9 | 96.2 | 97.4 | 98.4 | 98.8 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1000 | 1 | 89.5 | 93.9 | 96.2 | 97.4 | 98.4 | 98.8 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | 1 | 89.5 | 93.9 | 96.2 | 97.4 | 98.4 | 98.8 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72240 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(EST): 2100-2300

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|------------|--|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| IN FEET | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 7/16 | GE 1/4 | GE 0 |
| NO CEIL | | | 58.4 | 60.5 | 61.2 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 20000 | | | 61.8 | 63.5 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 18000 | | | 61.8 | 63.5 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 16000 | | | 61.8 | 63.5 | 64.2 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 14000 | | | 61.9 | 63.6 | 64.3 | 64.4 | 64.6 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 12000 | | | 62.2 | 63.9 | 64.6 | 64.7 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 10000 | | | 64.2 | 65.6 | 66.5 | 66.7 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 9000 | | | 64.3 | 66.0 | 66.7 | 66.8 | 66.9 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 8000 | | | 67.1 | 68.4 | 69.5 | 69.6 | 69.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| GE 7000 | | | 67.4 | 69.2 | 69.9 | 70.0 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 6000 | | | 69.0 | 71.0 | 71.7 | 71.8 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 5000 | | | 73.7 | 72.7 | 73.6 | 73.4 | 73.9 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| GE 4000 | | | 71.8 | 73.0 | 74.9 | 75.1 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 3000 | | | 73.4 | 75.5 | 76.4 | 76.4 | 76.7 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 2500 | | | 74.1 | 76.3 | 77.3 | 77.4 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 2000 | | | 76.4 | 76.9 | 80.5 | 80.4 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 1800 | | | 76.0 | 80.5 | 82.0 | 82.3 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 1600 | | | 79.4 | 82.8 | 84.4 | 84.7 | 84.9 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 1400 | | | 80.9 | 83.2 | 85.4 | 85.4 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 1200 | | | 82.3 | 85.4 | 87.3 | 88.1 | 88.1 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 1000 | | | 84.1 | 87.4 | 89.4 | 90.1 | 90.2 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 900 | | | 86.6 | 90.2 | 92.7 | 93.7 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 800 | | | 86.9 | 90.9 | 93.6 | 94.7 | 94.8 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 700 | | | 87.3 | 91.6 | 94.3 | 95.4 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 600 | | | 87.6 | 91.5 | 95.3 | 96.4 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 500 | | | 87.7 | 92.1 | 95.5 | 97.1 | 97.4 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 400 | | | 87.7 | 92.1 | 95.5 | 97.1 | 97.5 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 300 | | | 87.9 | 92.2 | 95.7 | 97.4 | 97.4 | 98.6 | 98.7 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 200 | | | 87.9 | 92.2 | 96.1 | 97.4 | 98.3 | 99.0 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 100 | | | 87.9 | 92.2 | 96.1 | 97.4 | 98.3 | 99.0 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 |
| GE 0 | | | 87.4 | 92.2 | 96.1 | 97.4 | 98.3 | 99.0 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722190 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(EST): ALL

| CEILING IN FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 1 | 49.9 | 51.4 | 52.1 | 52.6 | 52.7 | 52.7 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.2 | |
| GE 20000 | 1 | 55.2 | 56.7 | 57.5 | 57.9 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.6 |
| GE 18000 | 1 | 55.2 | 56.8 | 57.5 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.6 |
| GE 16000 | 1 | 55.3 | 56.9 | 57.6 | 58.1 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.6 | 58.7 |
| GE 14000 | 1 | 55.9 | 57.4 | 58.2 | 58.7 | 58.8 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 |
| GE 12000 | 1 | 56.3 | 57.9 | 58.6 | 59.1 | 59.2 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.8 |
| GE 10000 | 1 | 58.7 | 60.3 | 61.1 | 61.6 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.1 | 62.1 | 62.2 |
| GE 9000 | 1 | 59.2 | 60.8 | 61.6 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.7 |
| GE 8000 | 1 | 61.0 | 62.4 | 63.6 | 64.1 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 | 64.8 |
| GE 7000 | 1 | 61.7 | 63.5 | 64.3 | 64.8 | 64.9 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.5 |
| GE 6000 | 1 | 62.7 | 64.5 | 65.3 | 65.9 | 66.0 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.4 | 66.5 |
| GE 5000 | 1 | 64.4 | 66.4 | 67.2 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.4 |
| GE 4500 | 1 | 67.5 | 67.5 | 68.4 | 69.0 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.7 |
| GE 4000 | 2 | 67.3 | 69.4 | 70.3 | 70.9 | 71.0 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 |
| GE 3500 | 2 | 68.5 | 70.6 | 71.5 | 72.2 | 72.3 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.9 |
| GE 3000 | 2 | 70.9 | 73.1 | 74.2 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.7 |
| GE 2500 | 2 | 73.2 | 75.5 | 76.8 | 77.6 | 77.8 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.4 |
| GE 2000 | 2 | 75.6 | 78.0 | 79.6 | 80.5 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.3 | 81.4 |
| GE 1800 | 2 | 76.1 | 78.6 | 80.1 | 81.1 | 81.3 | 81.5 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.9 | 82.0 |
| GE 1600 | 2 | 78.1 | 80.7 | 82.4 | 83.6 | 83.8 | 84.0 | 84.1 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.7 |
| GE 1400 | 2 | 80.0 | 83.1 | 85.0 | 86.4 | 86.6 | 86.9 | 87.1 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.6 |
| GE 1000 | 2 | 81.4 | 84.5 | 87.0 | 88.5 | 88.9 | 89.3 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.9 | 90.1 |
| GE 900 | 2 | 81.7 | 85.5 | 87.8 | 89.5 | 89.9 | 90.3 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 91.0 | 91.2 |
| GE 800 | 2 | 82.3 | 86.2 | 88.8 | 90.6 | 91.1 | 91.6 | 91.9 | 92.0 | 92.1 | 92.1 | 92.2 | 92.2 | 92.3 | 92.3 | 92.4 | 92.6 |
| GE 700 | 2 | 82.6 | 86.7 | 89.6 | 91.7 | 92.3 | 93.0 | 93.4 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 94.1 |
| GE 600 | 2 | 82.8 | 87.0 | 90.2 | 92.5 | 93.3 | 94.2 | 94.7 | 94.8 | 95.1 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.4 | 95.6 |
| GE 500 | 2 | 83.1 | 87.6 | 90.7 | 93.7 | 94.2 | 95.3 | 96.0 | 96.1 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 97.0 |
| GE 400 | 2 | 83.1 | 87.7 | 91.0 | 93.7 | 94.7 | 95.9 | 96.9 | 97.1 | 97.5 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.9 | 98.1 |
| GE 300 | 2 | 83.2 | 87.8 | 91.1 | 93.9 | 95.0 | 96.5 | 97.4 | 97.6 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.4 | 98.5 | 98.8 |
| GE 200 | 2 | 83.2 | 87.8 | 91.2 | 94.0 | 95.1 | 96.4 | 97.6 | 97.9 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 99.0 | 99.2 | 99.5 |
| GE 100 | 2 | 83.2 | 87.8 | 91.2 | 94.0 | 95.1 | 96.4 | 97.6 | 97.9 | 98.5 | 98.7 | 98.8 | 98.9 | 99.1 | 99.3 | 99.5 | 99.9 |
| GE 0 | 2 | 83.2 | 87.8 | 91.2 | 94.0 | 95.1 | 96.4 | 97.6 | 97.9 | 98.5 | 98.7 | 98.8 | 98.9 | 99.1 | 99.3 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 6125

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87
MONTH: APR HOURS(IST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|---------|-------------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | 50.6 | 53.7 | 54.8 | 56.2 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 20000 | | | 53.2 | 56.2 | 57.5 | 58.9 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 18000 | | | 53.2 | 56.2 | 57.5 | 58.9 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 16000 | | | 53.2 | 56.2 | 57.5 | 58.9 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 14000 | | | 53.3 | 56.3 | 57.6 | 59.7 | 59.4 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 12000 | | | 54.1 | 57.1 | 58.4 | 59.8 | 60.2 | 60.3 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| GE 10000 | | | 55.1 | 58.1 | 59.4 | 60.8 | 61.1 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 9000 | | | 55.2 | 58.3 | 59.5 | 61.0 | 61.3 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 8000 | | | 57.6 | 60.6 | 62.1 | 63.8 | 64.1 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 7000 | | | 57.8 | 61.0 | 62.4 | 64.3 | 64.6 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 6000 | | | 58.1 | 61.3 | 62.7 | 64.5 | 64.9 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| GE 5000 | | | 59.5 | 62.9 | 64.4 | 66.3 | 66.7 | 66.8 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| GE 4000 | | | 61.3 | 64.6 | 66.2 | 68.1 | 68.4 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 4000 | | | 63.3 | 67.1 | 68.9 | 70.8 | 71.1 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 3500 | | | 64.0 | 67.9 | 69.7 | 71.6 | 71.9 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 3000 | | | 64.6 | 68.9 | 70.6 | 72.7 | 73.0 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 2500 | | | 65.2 | 69.5 | 71.3 | 73.3 | 73.7 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| GE 2000 | | | 66.8 | 71.3 | 73.2 | 75.2 | 75.6 | 75.7 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| GE 1800 | | | 67.5 | 71.9 | 73.8 | 75.9 | 76.2 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 1500 | | | 69.8 | 74.6 | 76.7 | 78.7 | 79.0 | 79.2 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| GE 1200 | | | 72.7 | 77.9 | 80.0 | 82.1 | 82.5 | 82.7 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.5 | 83.5 | 83.5 |
| GE 1000 | | | 74.0 | 79.5 | 81.6 | 83.8 | 84.3 | 84.4 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.2 | 85.2 | 85.2 |
| GE 900 | | | 74.6 | 80.3 | 83.0 | 85.6 | 86.0 | 86.2 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 87.0 | 87.0 | 87.0 |
| GE 800 | | | 75.7 | 81.6 | 84.6 | 87.1 | 87.6 | 87.8 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.7 | 88.7 | 88.7 |
| GE 700 | | | 76.5 | 82.7 | 86.2 | 89.1 | 89.5 | 89.8 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.8 | 90.8 | 90.8 |
| GE 600 | | | 76.6 | 83.0 | 87.0 | 89.8 | 90.8 | 91.3 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 |
| GE 500 | | | 77.6 | 84.1 | 88.3 | 91.7 | 92.9 | 93.8 | 94.9 | 95.1 | 95.4 | 95.6 | 95.6 | 95.9 | 95.9 | 95.9 |
| GE 400 | | | 77.6 | 84.3 | 88.4 | 92.5 | 94.1 | 95.2 | 96.8 | 97.0 | 97.3 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 |
| GE 300 | | | 77.6 | 84.4 | 88.6 | 93.0 | 94.6 | 95.9 | 97.6 | 97.8 | 98.3 | 98.7 | 98.7 | 99.0 | 99.2 | 99.2 |
| GE 200 | | | 77.6 | 84.4 | 88.6 | 93.0 | 94.6 | 95.9 | 97.6 | 97.8 | 98.4 | 98.9 | 98.9 | 99.5 | 99.8 | 100.0 |
| GE 100 | | | 77.6 | 84.4 | 88.6 | 93.0 | 94.6 | 95.9 | 97.6 | 97.8 | 98.4 | 98.9 | 98.9 | 99.5 | 99.8 | 100.0 |
| GE 0 | | | 77.6 | 84.4 | 88.6 | 93.0 | 94.6 | 95.9 | 97.6 | 97.8 | 98.4 | 98.9 | 98.9 | 99.5 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 79-87
MONTH: APR HOUR: 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|--------------------|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 45.7 | 48.7 | 50.3 | 51.1 | 51.6 | 51.9 | 51.9 | 51.9 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.4 |
| GE 20000 | 47.2 | 50.5 | 52.5 | 53.3 | 53.8 | 54.1 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.6 |
| GE 18000 | 47.2 | 50.5 | 52.5 | 53.3 | 53.8 | 54.1 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.6 |
| GE 16000 | 47.2 | 50.5 | 52.5 | 53.3 | 53.8 | 54.1 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.6 |
| GE 14000 | 47.5 | 51.1 | 53.2 | 53.9 | 54.4 | 54.7 | 54.7 | 54.7 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.2 |
| GE 12000 | 48.3 | 51.9 | 53.9 | 54.7 | 55.2 | 55.5 | 55.5 | 55.5 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 56.0 |
| GE 10000 | 48.7 | 52.4 | 54.4 | 55.2 | 55.7 | 56.0 | 56.0 | 56.0 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.5 |
| GE 9000 | 49.2 | 52.8 | 54.9 | 55.7 | 56.2 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.9 |
| GE 8000 | 49.8 | 53.8 | 55.8 | 56.6 | 57.1 | 57.4 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.9 |
| GE 7000 | 50.3 | 54.3 | 56.3 | 57.1 | 57.6 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.4 |
| GE 6000 | 50.6 | 54.6 | 56.6 | 57.6 | 58.0 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 59.1 |
| GE 5000 | 51.3 | 55.4 | 57.6 | 58.5 | 59.0 | 59.6 | 59.6 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 60.1 |
| GE 4500 | 51.7 | 55.8 | 58.0 | 59.0 | 59.5 | 60.1 | 60.1 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.6 |
| GE 4000 | 54.3 | 58.5 | 60.7 | 61.7 | 62.1 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.2 |
| GE 3500 | 54.6 | 58.8 | 61.0 | 62.0 | 62.5 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.6 |
| GE 3000 | 55.4 | 59.9 | 62.3 | 63.2 | 63.7 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.8 |
| GE 2500 | 56.2 | 61.0 | 63.4 | 64.4 | 65.0 | 65.6 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 66.1 |
| GE 2000 | 58.7 | 63.7 | 66.2 | 67.5 | 68.0 | 68.6 | 68.6 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.1 |
| GE 1800 | 59.1 | 64.2 | 66.7 | 68.1 | 68.6 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.7 |
| GE 1600 | 61.5 | 66.4 | 69.7 | 71.7 | 71.8 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.9 |
| GE 1400 | 64.4 | 70.5 | 73.8 | 75.9 | 76.3 | 77.1 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.6 |
| GE 1200 | 65.5 | 71.8 | 75.2 | 77.4 | 77.9 | 78.7 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.3 |
| GE 1000 | 67.0 | 73.8 | 77.6 | 80.1 | 80.6 | 81.7 | 81.7 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.5 |
| GE 900 | 67.7 | 74.9 | 78.7 | 81.4 | 82.0 | 83.1 | 83.1 | 83.1 | 83.4 | 83.4 | 83.4 | 83.4 | 83.9 | 83.9 | 83.9 | 84.2 |
| GE 800 | 68.1 | 75.7 | 79.0 | 82.6 | 83.4 | 85.0 | 85.3 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 86.0 | 86.0 | 86.0 | 86.3 |
| GE 700 | 68.8 | 76.5 | 80.8 | 83.9 | 84.9 | 86.4 | 86.4 | 86.4 | 86.8 | 86.8 | 86.8 | 86.8 | 87.1 | 87.1 | 87.1 | 87.4 |
| GE 600 | 69.4 | 77.3 | 81.9 | 85.8 | 86.8 | 88.5 | 88.8 | 89.0 | 89.7 | 89.7 | 89.7 | 89.7 | 90.1 | 90.1 | 90.1 | 90.5 |
| GE 500 | 69.4 | 78.2 | 83.3 | 87.7 | 88.6 | 91.0 | 92.0 | 92.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.8 | 93.8 | 94.0 | 94.3 |
| GE 400 | 69.4 | 78.4 | 83.4 | 88.0 | 89.0 | 91.3 | 92.4 | 92.7 | 94.5 | 94.8 | 95.0 | 95.3 | 95.3 | 95.3 | 95.6 | 96.1 |
| GE 300 | 69.4 | 78.4 | 83.4 | 88.0 | 89.0 | 91.3 | 92.7 | 93.2 | 95.0 | 95.3 | 95.4 | 96.4 | 96.7 | 97.9 | 98.7 | 98.7 |
| GE 200 | 69.4 | 78.4 | 83.4 | 88.0 | 89.0 | 91.3 | 92.7 | 93.2 | 95.0 | 95.3 | 95.4 | 96.5 | 97.0 | 98.4 | 100.0 | 100.0 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72239D STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87

MONTH: APR HOURS (LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 42.3 | 44.5 | 45.2 | 45.9 | 46.1 | 46.8 | 46.8 | 46.8 | 46.9 | 46.9 | 46.9 | 47.0 | 47.0 | 47.2 | 47.4 |
| GE 20000 | | 43.4 | 45.8 | 46.7 | 47.5 | 47.8 | 48.5 | 48.6 | 48.7 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.1 | 49.3 |
| GE 18000 | | 43.5 | 45.9 | 46.8 | 47.6 | 47.9 | 48.6 | 48.7 | 48.9 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.2 | 49.5 |
| GE 16000 | | 43.5 | 45.9 | 46.8 | 47.6 | 47.9 | 48.6 | 48.7 | 48.9 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.2 | 49.5 |
| GE 14000 | | 43.8 | 46.2 | 47.0 | 47.9 | 48.1 | 48.9 | 49.0 | 49.1 | 49.2 | 49.2 | 49.2 | 49.3 | 49.3 | 49.5 | 49.7 |
| GE 12000 | | 44.7 | 47.2 | 48.0 | 48.9 | 49.1 | 49.8 | 49.9 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.4 | 50.7 |
| GE 10000 | | 46.8 | 49.3 | 50.3 | 51.1 | 51.4 | 52.1 | 52.4 | 52.5 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.8 | 53.1 |
| GE 9000 | | 47.4 | 50.1 | 51.0 | 51.9 | 52.1 | 52.8 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.6 | 53.8 |
| GE 8000 | | 49.6 | 52.4 | 53.4 | 54.4 | 54.7 | 55.4 | 55.7 | 55.9 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.2 | 56.5 |
| GE 7000 | | 49.9 | 52.8 | 53.9 | 54.9 | 55.1 | 55.9 | 56.2 | 56.3 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.7 | 57.0 |
| GE 6000 | | 50.1 | 53.0 | 54.1 | 55.0 | 55.3 | 56.0 | 56.3 | 56.5 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.8 | 57.1 |
| GE 5000 | | 50.2 | 53.2 | 54.4 | 55.4 | 55.6 | 56.3 | 56.7 | 56.8 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.2 | 57.4 |
| GE 4500 | | 50.9 | 53.9 | 55.1 | 56.1 | 56.3 | 57.1 | 57.4 | 57.6 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.9 | 58.2 |
| GE 4000 | | 52.7 | 55.7 | 57.1 | 58.0 | 58.3 | 59.0 | 59.4 | 59.5 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.9 | 60.1 |
| GE 3500 | | 53.9 | 57.2 | 58.6 | 59.6 | 59.9 | 60.7 | 61.1 | 61.3 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.7 | 61.9 |
| GE 3000 | | 54.4 | 58.0 | 59.5 | 60.6 | 60.8 | 61.8 | 62.2 | 62.4 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.8 | 63.0 |
| GE 2500 | | 55.1 | 59.8 | 60.3 | 61.4 | 61.7 | 62.8 | 63.1 | 63.4 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.7 | 64.0 |
| GE 2000 | | 57.6 | 61.4 | 63.4 | 64.7 | 65.2 | 66.3 | 66.7 | 67.0 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.4 | 67.6 |
| GE 1800 | | 57.7 | 61.7 | 63.6 | 64.9 | 65.4 | 66.5 | 67.0 | 67.2 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.6 | 67.8 |
| GE 1500 | | 59.3 | 63.4 | 65.5 | 67.4 | 67.8 | 69.2 | 69.6 | 70.0 | 70.1 | 70.1 | 70.1 | 70.3 | 70.3 | 70.4 | 70.6 |
| GE 1200 | | 62.3 | 66.7 | 69.3 | 71.5 | 72.2 | 73.9 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 75.0 | 75.0 | 75.1 | 75.3 |
| GE 1000 | | 63.7 | 68.3 | 71.3 | 73.8 | 74.6 | 76.4 | 77.0 | 77.4 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 | 77.8 | 78.0 |
| GE 900 | | 64.3 | 69.5 | 72.9 | 75.3 | 76.3 | 78.1 | 78.7 | 79.1 | 79.4 | 79.4 | 79.4 | 79.6 | 79.6 | 79.7 | 79.9 |
| GE 800 | | 63.7 | 71.1 | 75.0 | 77.8 | 78.7 | 80.7 | 81.3 | 81.7 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.6 | 82.8 |
| GE 700 | | 66.4 | 72.3 | 76.2 | 79.6 | 80.7 | 83.0 | 83.8 | 84.3 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 85.1 | 85.4 |
| GE 600 | | 66.4 | 72.6 | 77.1 | 81.3 | 82.3 | 84.9 | 85.9 | 86.5 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.4 | 87.7 |
| GE 500 | | 66.9 | 73.3 | 78.5 | 82.7 | 83.9 | 87.4 | 89.0 | 89.6 | 90.2 | 90.7 | 90.7 | 90.9 | 90.9 | 91.5 | 91.8 |
| GE 400 | | 67.0 | 73.5 | 78.8 | 83.4 | 85.0 | 89.2 | 90.8 | 91.7 | 92.4 | 93.2 | 93.2 | 93.7 | 93.7 | 94.6 | 94.9 |
| GE 300 | | 67.0 | 73.5 | 78.8 | 83.4 | 85.2 | 89.5 | 91.3 | 92.1 | 93.0 | 94.0 | 94.0 | 94.8 | 94.8 | 95.8 | 96.5 |
| GE 200 | | 67.0 | 73.5 | 78.8 | 83.4 | 85.2 | 89.5 | 91.4 | 92.3 | 93.2 | 94.3 | 94.4 | 95.8 | 96.0 | 97.2 | 98.3 |
| GE 100 | | 67.0 | 73.5 | 78.8 | 83.4 | 85.2 | 89.5 | 91.4 | 92.3 | 93.2 | 94.3 | 94.4 | 95.8 | 96.1 | 97.3 | 99.9 |
| GE 0 | | 67.0 | 73.5 | 78.8 | 83.4 | 85.2 | 89.5 | 91.4 | 92.3 | 93.2 | 94.3 | 94.4 | 95.8 | 96.1 | 97.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 47.3 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| GE 20000 | 52.1 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 18000 | 52.1 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 16000 | 52.6 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| GE 14000 | 52.7 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 12000 | 54.1 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| GE 10000 | 56.6 | 57.1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| GE 9000 | 57.4 | 57.9 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 8000 | 60.3 | 60.7 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| GE 7000 | 60.9 | 61.3 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| GE 6000 | 61.2 | 61.7 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 5000 | 62.4 | 63.0 | 63.3 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| GE 4500 | 63.5 | 64.1 | 64.4 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 4000 | 64.9 | 65.6 | 66.0 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 3500 | 66.3 | 67.3 | 67.7 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 3000 | 68.7 | 69.6 | 70.2 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 2500 | 71.8 | 73.0 | 73.5 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 2000 | 76.4 | 78.1 | 78.8 | 79.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| GE 1800 | 77.8 | 79.7 | 80.4 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| GE 1500 | 81.0 | 83.5 | 84.6 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 1200 | 85.1 | 88.1 | 89.4 | 90.3 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 1000 | 86.6 | 89.9 | 91.5 | 92.5 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 900 | 87.2 | 90.9 | 92.6 | 93.7 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 800 | 87.3 | 91.0 | 93.4 | 94.7 | 95.5 | 95.5 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 |
| GE 700 | 87.5 | 91.3 | 93.7 | 95.0 | 96.0 | 96.1 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 |
| GE 600 | 87.7 | 91.5 | 93.8 | 95.3 | 96.3 | 96.7 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 |
| GE 500 | 87.8 | 91.6 | 94.0 | 95.4 | 96.7 | 97.6 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 |
| GE 400 | 87.8 | 91.6 | 94.0 | 95.4 | 96.9 | 97.9 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.3 | 99.3 |
| GE 300 | 87.8 | 91.6 | 94.0 | 95.5 | 97.0 | 98.0 | 98.8 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 |
| GE 200 | 87.8 | 91.6 | 94.0 | 95.5 | 97.0 | 98.0 | 98.9 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 |
| GE 100 | 87.8 | 91.6 | 94.0 | 95.5 | 97.0 | 98.0 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 |
| GE 0 | 87.8 | 91.6 | 94.0 | 95.5 | 97.0 | 98.0 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | 47.6 | 47.9 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 20000 | 54.3 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| GE 18000 | 54.5 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| GE 16000 | 54.7 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 14000 | 55.3 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| GE 12000 | 56.3 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| GE 10000 | 57.4 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 9000 | 58.9 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| GE 8000 | 61.4 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| GE 7000 | 62.6 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| GE 6000 | 63.1 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 5000 | 65.0 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| GE 4500 | 67.2 | 68.6 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 4000 | 71.2 | 72.6 | 72.9 | 72.9 | 73.1 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 3500 | 74.7 | 76.2 | 76.4 | 76.9 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 3000 | 80.1 | 81.6 | 81.8 | 82.4 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 2500 | 85.3 | 86.9 | 87.4 | 88.0 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 2000 | 87.5 | 89.6 | 90.2 | 91.1 | 91.3 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 1800 | 87.9 | 90.2 | 90.8 | 91.8 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 1500 | 88.8 | 91.2 | 91.8 | 92.8 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 1200 | 90.5 | 93.3 | 94.1 | 95.2 | 95.5 | 95.6 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 1000 | 91.5 | 94.3 | 95.1 | 96.5 | 96.7 | 96.9 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 900 | 91.6 | 94.5 | 95.4 | 96.7 | 96.9 | 97.2 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 800 | 91.7 | 94.6 | 95.5 | 96.8 | 97.1 | 97.4 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 700 | 91.7 | 94.6 | 95.7 | 97.3 | 97.6 | 98.0 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 600 | 91.7 | 94.6 | 95.8 | 97.4 | 97.7 | 98.2 | 98.9 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 500 | 91.8 | 94.9 | 96.1 | 97.7 | 97.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 400 | 91.8 | 94.9 | 96.1 | 97.7 | 97.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 300 | 91.8 | 94.9 | 96.1 | 97.7 | 97.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 200 | 91.8 | 94.9 | 96.1 | 97.7 | 97.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | 91.8 | 94.9 | 96.1 | 97.7 | 97.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 50 | 91.8 | 94.9 | 96.1 | 97.7 | 97.9 | 98.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 48.7 | 49.2 | 49.3 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| GE 20000 | | 59.7 | 60.3 | 60.4 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| GE 18000 | | 60.0 | 60.6 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 16000 | | 60.3 | 60.9 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| GE 14000 | | 60.8 | 61.4 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| GE 12000 | | 61.9 | 62.5 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| GE 10000 | | 63.2 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 9000 | | 64.0 | 65.3 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| GE 8000 | | 67.2 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 7000 | | 69.4 | 70.7 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 6000 | | 69.7 | 71.2 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 5000 | | 72.2 | 73.6 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 4500 | | 74.1 | 75.6 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| GE 4000 | | 78.4 | 79.9 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 3500 | | 81.8 | 83.5 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 3000 | | 84.6 | 86.4 | 86.7 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 2500 | | 86.8 | 89.0 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 2000 | | 88.8 | 91.1 | 91.5 | 92.0 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 1800 | | 88.9 | 91.3 | 91.7 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 1500 | | 89.5 | 92.2 | 92.8 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 1200 | | 90.0 | 92.8 | 93.5 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 1000 | | 90.4 | 93.2 | 94.1 | 96.2 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 900 | | 90.5 | 93.3 | 94.3 | 96.3 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 800 | | 90.6 | 93.4 | 94.4 | 96.5 | 96.7 | 97.1 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 700 | | 90.6 | 93.5 | 94.6 | 96.7 | 96.9 | 97.4 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 600 | | 90.6 | 93.5 | 94.7 | 96.9 | 97.3 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 500 | | 90.6 | 93.5 | 94.7 | 96.9 | 97.3 | 97.8 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | | 90.6 | 93.5 | 94.7 | 97.1 | 97.6 | 98.0 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 90.6 | 93.5 | 94.7 | 97.1 | 97.6 | 98.0 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 90.6 | 93.5 | 94.7 | 97.1 | 97.6 | 98.0 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 90.6 | 93.5 | 94.7 | 97.1 | 97.6 | 98.0 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 90.6 | 93.5 | 94.7 | 97.1 | 97.6 | 98.0 | 99.4 | 99.4 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 57.1 | 57.7 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 20000 | | 63.8 | 64.6 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 18000 | | 64.1 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| GE 16000 | | 64.1 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| GE 14000 | | 64.6 | 65.3 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| GE 12000 | | 66.2 | 66.9 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| GE 10000 | | 68.3 | 69.2 | 69.6 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 9000 | | 68.4 | 69.5 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| GE 8000 | | 70.3 | 71.4 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 7000 | | 71.3 | 72.4 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 6000 | | 72.1 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| GE 5000 | | 75.1 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 4500 | | 76.7 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 4000 | | 78.9 | 80.5 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 3500 | | 81.7 | 83.5 | 83.9 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 3000 | | 84.1 | 85.9 | 86.5 | 86.6 | 86.6 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 2500 | | 86.3 | 88.5 | 89.2 | 89.3 | 89.3 | 89.3 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 2000 | | 88.2 | 90.6 | 91.4 | 91.8 | 91.8 | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 1800 | | 88.2 | 90.8 | 91.7 | 92.0 | 92.0 | 92.0 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 1500 | | 88.7 | 91.9 | 93.0 | 93.6 | 93.6 | 93.6 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 1200 | | 88.8 | 92.0 | 93.8 | 94.6 | 94.6 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 1000 | | 88.8 | 92.0 | 93.8 | 95.3 | 95.3 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 900 | | 88.8 | 92.0 | 93.8 | 95.3 | 95.3 | 95.5 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 800 | | 89.2 | 92.6 | 94.4 | 96.1 | 96.2 | 96.3 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 700 | | 89.2 | 92.8 | 94.5 | 96.2 | 96.3 | 96.4 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 600 | | 89.2 | 92.8 | 94.5 | 96.3 | 96.4 | 96.6 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 500 | | 89.2 | 92.8 | 94.7 | 96.7 | 96.9 | 97.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 400 | | 89.5 | 93.1 | 95.1 | 97.2 | 97.4 | 97.5 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | | 89.5 | 93.1 | 95.1 | 97.2 | 97.4 | 97.5 | 98.8 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 200 | | 89.5 | 93.1 | 95.1 | 97.2 | 97.4 | 97.5 | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 100 | | 89.5 | 93.1 | 95.1 | 97.2 | 97.4 | 97.5 | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 0 | | 89.5 | 93.1 | 95.1 | 97.2 | 97.4 | 97.5 | 98.8 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS: 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 3/4 | GE 0 |
| NO CEIL | | 58.2 | 59.8 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 20000 | | 62.4 | 64.4 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 |
| GE 18000 | | 62.4 | 64.4 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 |
| GE 16000 | | 62.4 | 64.4 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 |
| GE 14000 | | 62.6 | 64.9 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 12000 | | 63.3 | 65.3 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 |
| GE 10000 | | 64.6 | 66.6 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 9000 | | 65.0 | 67.2 | 68.5 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 |
| GE 8000 | | 65.6 | 67.9 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 7000 | | 66.5 | 68.8 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 6000 | | 67.2 | 69.5 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 5000 | | 69.2 | 71.9 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 4500 | | 70.7 | 73.3 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 |
| GE 4000 | | 72.6 | 75.4 | 77.0 | 77.1 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 |
| GE 3500 | | 74.9 | 77.7 | 79.3 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 3000 | | 77.0 | 79.9 | 81.5 | 81.9 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 |
| GE 2500 | | 77.7 | 80.8 | 82.4 | 82.9 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 2000 | | 81.0 | 84.1 | 85.7 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE 1800 | | 81.5 | 84.5 | 86.2 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 1500 | | 83.2 | 86.6 | 88.2 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 1200 | | 85.6 | 89.4 | 91.7 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 1000 | | 85.6 | 89.8 | 92.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 900 | | 85.7 | 90.4 | 93.3 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 800 | | 85.7 | 90.7 | 93.9 | 95.0 | 95.0 | 95.0 | 95.8 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 700 | | 86.0 | 91.1 | 94.3 | 95.6 | 95.6 | 95.6 | 96.4 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 600 | | 86.0 | 91.3 | 94.5 | 95.9 | 95.9 | 95.9 | 96.2 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 |
| GE 500 | | 86.2 | 91.5 | 95.0 | 96.8 | 96.8 | 97.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 400 | | 86.3 | 91.7 | 95.2 | 96.9 | 96.9 | 97.4 | 98.7 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 300 | | 86.3 | 91.8 | 95.3 | 97.1 | 97.1 | 97.7 | 99.0 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | | 86.3 | 91.8 | 95.3 | 97.1 | 97.1 | 97.7 | 99.1 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 86.3 | 91.8 | 95.3 | 97.1 | 97.1 | 97.7 | 99.1 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 86.3 | 91.8 | 95.3 | 97.1 | 97.1 | 97.7 | 99.1 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 686

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): ALL

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|----------|--|-----------------------------|------|------|------|------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| IN FEET | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | 49.6 | 50.9 | 51.5 | 51.9 | 52.0 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 |
| GE 20000 | | | 54.6 | 56.1 | 56.8 | 57.1 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.6 |
| GE 18000 | | | 54.7 | 56.2 | 56.9 | 57.2 | 57.4 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 |
| GE 16000 | | | 54.8 | 56.3 | 57.0 | 57.4 | 57.5 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.9 |
| GE 14000 | | | 55.2 | 56.7 | 57.4 | 57.8 | 57.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.3 |
| GE 12000 | | | 56.2 | 57.8 | 58.5 | 58.9 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 |
| GE 10000 | | | 57.8 | 59.5 | 60.2 | 60.6 | 60.7 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 |
| GE 9000 | | | 58.4 | 60.2 | 60.9 | 61.3 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 |
| GE 8000 | | | 60.5 | 62.4 | 63.2 | 63.6 | 63.7 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 |
| GE 7000 | | | 61.4 | 63.3 | 64.1 | 64.6 | 64.7 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 |
| GE 6000 | | | 61.8 | 63.8 | 64.6 | 65.1 | 65.2 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.7 |
| GE 5000 | | | 63.4 | 65.5 | 66.4 | 66.9 | 67.1 | 67.2 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.5 |
| GE 4500 | | | 64.8 | 67.0 | 67.9 | 68.4 | 68.5 | 68.7 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 |
| GE 4000 | | | 67.4 | 69.7 | 70.6 | 71.1 | 71.3 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 |
| GE 3500 | | | 69.4 | 71.8 | 72.8 | 73.4 | 73.6 | 73.8 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 |
| GE 3000 | | | 71.6 | 74.2 | 75.2 | 75.9 | 76.1 | 76.3 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 |
| GE 2500 | | | 73.7 | 76.4 | 77.5 | 78.3 | 78.5 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 |
| GE 2000 | | | 76.3 | 79.3 | 80.5 | 81.5 | 81.7 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 |
| GE 1800 | | | 76.7 | 79.8 | 81.1 | 82.1 | 82.4 | 82.6 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 |
| GE 1500 | | | 78.3 | 81.8 | 83.2 | 84.4 | 84.7 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.4 |
| GE 1200 | | | 80.5 | 84.3 | 86.1 | 87.6 | 87.9 | 88.3 | 88.5 | 88.5 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 1000 | | | 81.3 | 85.3 | 87.3 | 89.0 | 89.4 | 89.8 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 |
| GE 900 | | | 81.8 | 86.0 | 88.2 | 90.0 | 90.4 | 90.8 | 91.2 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 |
| GE 800 | | | 82.2 | 86.6 | 89.1 | 91.0 | 91.4 | 91.9 | 92.4 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.9 |
| GE 700 | | | 82.5 | 87.1 | 89.7 | 91.8 | 92.3 | 92.9 | 93.5 | 93.6 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 |
| GE 600 | | | 82.6 | 87.3 | 90.0 | 92.3 | 92.9 | 93.7 | 94.3 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.9 |
| GE 500 | | | 82.9 | 87.7 | 90.6 | 93.1 | 93.8 | 94.9 | 95.9 | 96.1 | 96.4 | 96.5 | 96.5 | 96.7 | 96.8 | 96.9 |
| GE 400 | | | 83.0 | 87.9 | 90.9 | 93.6 | 94.4 | 95.7 | 96.9 | 97.2 | 97.6 | 97.8 | 97.8 | 98.0 | 98.2 | 98.3 |
| GE 300 | | | 83.0 | 87.9 | 90.9 | 93.7 | 94.6 | 95.9 | 97.2 | 97.5 | 98.0 | 98.3 | 98.4 | 98.6 | 98.8 | 98.9 |
| GE 200 | | | 83.0 | 87.9 | 90.9 | 93.7 | 94.6 | 95.9 | 97.3 | 97.6 | 98.2 | 98.5 | 98.5 | 98.9 | 99.0 | 99.4 |
| GE 100 | | | 83.0 | 87.9 | 90.9 | 93.7 | 94.6 | 95.9 | 97.3 | 97.6 | 98.2 | 98.5 | 98.6 | 99.0 | 99.1 | 100.0 |
| GE 0 | | | 83.0 | 87.9 | 90.9 | 93.7 | 94.6 | 95.9 | 97.3 | 97.6 | 98.2 | 98.5 | 98.6 | 99.0 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 6074

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722393 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: MAY HOURS(IST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | | 55.7 | 60.6 | 61.8 | 62.7 | 62.9 | 63.1 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 |
| GE 20000 | | | 59.1 | 64.5 | 65.9 | 66.8 | 67.0 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 |
| GE 18000 | | | 59.1 | 64.5 | 65.9 | 66.8 | 67.0 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 |
| GE 16000 | | | 59.1 | 64.5 | 65.9 | 66.8 | 67.0 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 |
| GE 14000 | | | 59.1 | 64.5 | 65.9 | 66.8 | 67.0 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 |
| GE 12000 | | | 59.1 | 64.5 | 65.9 | 66.8 | 67.0 | 67.2 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 |
| GE 10000 | | | 61.6 | 67.0 | 68.5 | 69.4 | 69.5 | 69.7 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.3 | 70.3 | 70.3 |
| GE 9000 | | | 62.0 | 67.4 | 68.8 | 69.7 | 69.9 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 |
| GE 8000 | | | 63.4 | 69.0 | 70.6 | 71.5 | 71.7 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.4 | 72.4 | 72.4 |
| GE 7000 | | | 63.6 | 69.2 | 70.8 | 71.7 | 71.9 | 72.0 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 |
| GE 6000 | | | 63.8 | 69.4 | 71.0 | 71.9 | 72.0 | 72.2 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.8 | 72.8 | 72.8 |
| GE 5000 | | | 64.7 | 70.3 | 71.9 | 72.8 | 72.9 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 |
| GE 4500 | | | 65.1 | 70.6 | 72.2 | 73.1 | 73.3 | 73.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 74.0 | 74.0 | 74.0 |
| GE 4000 | | | 66.7 | 72.2 | 74.0 | 74.9 | 75.1 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 |
| GE 3500 | | | 67.9 | 73.7 | 75.4 | 76.3 | 76.5 | 76.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 |
| GE 3000 | | | 69.2 | 74.9 | 76.7 | 77.6 | 78.0 | 78.1 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.7 | 78.7 | 78.7 |
| GE 2500 | | | 70.3 | 76.0 | 77.8 | 78.7 | 79.0 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 |
| GE 2000 | | | 72.4 | 78.1 | 80.3 | 81.2 | 81.5 | 81.7 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.3 | 82.3 | 82.3 |
| GE 1800 | | | 72.6 | 78.3 | 80.5 | 81.4 | 81.7 | 81.9 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 |
| GE 1500 | | | 75.6 | 81.7 | 84.6 | 85.8 | 86.4 | 86.6 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 |
| GE 1200 | | | 77.4 | 83.9 | 86.7 | 88.0 | 88.5 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 | 89.6 | 89.6 | 89.6 |
| GE 1000 | | | 78.0 | 84.4 | 87.5 | 88.7 | 89.4 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.3 | 90.5 | 90.5 | 90.5 |
| GE 900 | | | 79.0 | 86.2 | 89.8 | 91.6 | 92.3 | 92.7 | 93.0 | 93.0 | 93.0 | 93.0 | 93.2 | 93.4 | 93.4 | 93.4 |
| GE 800 | | | 79.7 | 87.3 | 90.9 | 92.7 | 93.4 | 93.7 | 94.1 | 94.1 | 94.1 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 |
| GE 700 | | | 80.6 | 88.4 | 91.9 | 93.9 | 94.6 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.5 | 95.7 | 95.7 | 95.7 |
| GE 600 | | | 81.0 | 88.7 | 92.3 | 94.3 | 95.0 | 95.3 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 |
| GE 500 | | | 81.7 | 90.0 | 93.7 | 95.7 | 96.4 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 | 98.4 | 98.4 | 98.4 |
| GE 400 | | | 81.7 | 90.3 | 94.3 | 96.4 | 97.1 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.7 | 99.1 | 99.1 | 99.1 |
| GE 300 | | | 81.9 | 90.5 | 94.4 | 96.6 | 97.5 | 98.4 | 98.7 | 98.7 | 98.7 | 98.9 | 99.5 | 99.8 | 99.8 | 99.8 |
| GE 200 | | | 81.9 | 90.5 | 94.4 | 96.6 | 97.5 | 98.4 | 98.7 | 98.7 | 98.7 | 98.9 | 99.5 | 99.8 | 100.0 | 100.0 |
| GE 100 | | | 81.9 | 90.5 | 94.4 | 96.6 | 97.5 | 98.4 | 98.7 | 98.7 | 98.7 | 98.9 | 99.5 | 99.8 | 100.0 | 100.0 |
| GE 0 | | | 81.9 | 90.5 | 94.4 | 96.6 | 97.5 | 98.4 | 98.7 | 98.7 | 98.7 | 98.9 | 99.5 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: MAY HOURS(IST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|-----------|---------|------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 1/8 | GE 0 | |
| NO CEIL | | 52.4 | 57.2 | 41.1 | 45.3 | 46.1 | 46.9 | 47.5 | 47.8 | 47.8 | 47.8 | 47.8 | 48.3 | 48.8 | 48.8 | 48.8 |
| GE 20000 | | 34.4 | 39.9 | 44.2 | 48.3 | 49.1 | 50.1 | 50.9 | 51.2 | 51.2 | 51.2 | 51.2 | 51.7 | 52.2 | 52.2 | 52.2 |
| GE 18000 | | 34.4 | 39.9 | 44.2 | 48.3 | 49.1 | 50.1 | 50.9 | 51.2 | 51.2 | 51.2 | 51.2 | 51.7 | 52.2 | 52.2 | 52.2 |
| GE 16000 | | 34.4 | 39.9 | 44.2 | 48.3 | 49.1 | 50.1 | 50.9 | 51.2 | 51.2 | 51.2 | 51.2 | 51.7 | 52.2 | 52.2 | 52.2 |
| GE 14000 | | 34.6 | 40.0 | 44.3 | 48.5 | 49.3 | 50.2 | 51.0 | 51.4 | 51.4 | 51.4 | 51.4 | 51.9 | 52.3 | 52.3 | 52.3 |
| GE 12000 | | 34.9 | 40.4 | 44.7 | 49.0 | 49.8 | 50.7 | 51.5 | 51.8 | 51.8 | 51.8 | 51.8 | 52.3 | 52.8 | 52.8 | 52.8 |
| GE 10000 | | 36.8 | 42.4 | 47.0 | 51.5 | 52.3 | 53.3 | 54.1 | 54.4 | 54.5 | 54.5 | 54.5 | 55.0 | 55.7 | 55.7 | 55.7 |
| GE 9000 | | 37.2 | 42.7 | 47.4 | 51.8 | 52.6 | 53.6 | 54.4 | 54.7 | 54.9 | 54.9 | 54.9 | 55.3 | 56.0 | 56.0 | 56.0 |
| GE 8000 | | 39.4 | 45.1 | 49.8 | 54.4 | 55.2 | 56.1 | 56.9 | 57.3 | 57.4 | 57.4 | 57.4 | 57.9 | 58.5 | 58.5 | 58.5 |
| GE 7000 | | 39.9 | 45.6 | 50.2 | 54.9 | 55.7 | 56.6 | 57.6 | 57.9 | 58.1 | 58.1 | 58.1 | 58.5 | 59.2 | 59.2 | 59.2 |
| GE 6000 | | 40.0 | 45.8 | 50.4 | 55.0 | 55.8 | 56.8 | 57.7 | 58.1 | 58.2 | 58.2 | 58.2 | 58.7 | 59.3 | 59.3 | 59.3 |
| GE 5000 | | 41.1 | 46.9 | 51.5 | 56.1 | 57.1 | 58.1 | 59.0 | 59.3 | 59.5 | 59.5 | 59.5 | 60.0 | 60.6 | 60.6 | 60.6 |
| GE 4000 | | 41.6 | 47.5 | 52.2 | 56.8 | 57.7 | 58.7 | 59.6 | 60.0 | 60.1 | 60.1 | 60.1 | 60.6 | 61.2 | 61.2 | 61.2 |
| GE 3000 | | 43.4 | 49.3 | 54.7 | 59.3 | 60.3 | 61.6 | 62.5 | 62.8 | 63.0 | 63.0 | 63.0 | 63.5 | 64.1 | 64.1 | 64.1 |
| GE 2000 | | 43.9 | 50.1 | 55.5 | 60.1 | 61.1 | 62.4 | 63.3 | 63.6 | 63.8 | 63.8 | 63.8 | 64.3 | 64.9 | 64.9 | 64.9 |
| GE 1000 | | 45.6 | 52.0 | 57.4 | 62.0 | 63.0 | 64.3 | 65.2 | 65.6 | 65.7 | 65.7 | 65.7 | 66.2 | 66.8 | 66.8 | 66.8 |
| GE 2500 | | 46.1 | 53.0 | 58.9 | 63.5 | 64.4 | 65.7 | 66.7 | 67.0 | 67.1 | 67.1 | 67.1 | 67.6 | 68.3 | 68.3 | 68.3 |
| GE 2000 | | 46.9 | 54.2 | 60.4 | 65.4 | 66.3 | 67.8 | 68.7 | 69.1 | 69.2 | 69.2 | 69.2 | 69.7 | 70.3 | 70.3 | 70.3 |
| GE 1800 | | 47.0 | 54.4 | 60.6 | 65.7 | 66.7 | 68.1 | 69.1 | 69.4 | 69.5 | 69.5 | 69.5 | 70.0 | 70.7 | 70.7 | 70.7 |
| GE 1600 | | 50.7 | 59.0 | 65.6 | 70.8 | 71.8 | 73.2 | 74.2 | 74.5 | 74.6 | 74.6 | 74.6 | 75.1 | 75.8 | 75.8 | 75.8 |
| GE 1400 | | 52.6 | 61.6 | 68.6 | 73.8 | 74.8 | 76.2 | 77.2 | 77.5 | 77.7 | 77.7 | 77.7 | 78.1 | 78.8 | 78.8 | 78.8 |
| GE 1000 | | 53.3 | 62.7 | 70.3 | 76.2 | 77.4 | 79.1 | 80.4 | 80.7 | 80.9 | 80.9 | 80.9 | 81.3 | 82.0 | 82.0 | 82.0 |
| GE 900 | | 53.9 | 63.8 | 71.5 | 78.0 | 79.1 | 80.9 | 82.1 | 82.5 | 82.6 | 82.6 | 82.6 | 83.1 | 83.7 | 83.7 | 83.7 |
| GE 800 | | 54.2 | 64.6 | 72.2 | 78.8 | 79.9 | 81.7 | 82.9 | 83.3 | 83.4 | 83.4 | 83.4 | 83.9 | 84.5 | 84.5 | 84.5 |
| GE 700 | | 55.0 | 65.9 | 73.8 | 80.4 | 81.8 | 83.6 | 84.8 | 85.2 | 85.3 | 85.3 | 85.3 | 85.8 | 86.4 | 86.4 | 86.4 |
| GE 600 | | 55.5 | 67.1 | 75.3 | 82.5 | 83.9 | 85.6 | 86.9 | 87.4 | 87.6 | 87.6 | 87.6 | 88.0 | 88.7 | 88.7 | 88.7 |
| GE 500 | | 56.3 | 67.9 | 76.4 | 83.6 | 85.2 | 87.1 | 88.7 | 89.2 | 89.5 | 89.5 | 89.5 | 90.0 | 90.4 | 90.4 | 90.4 |
| GE 400 | | 56.9 | 68.9 | 77.8 | 85.5 | 87.1 | 89.2 | 91.2 | 91.7 | 92.0 | 92.0 | 92.0 | 92.5 | 93.0 | 93.0 | 93.0 |
| GE 300 | | 57.1 | 69.1 | 78.0 | 86.1 | 87.7 | 90.3 | 92.5 | 93.0 | 93.5 | 93.5 | 93.5 | 94.1 | 94.9 | 94.9 | 94.9 |
| GE 200 | | 57.1 | 69.1 | 78.5 | 86.6 | 88.2 | 90.7 | 93.1 | 93.8 | 94.7 | 95.2 | 95.2 | 95.7 | 97.0 | 97.0 | 97.0 |
| GE 100 | | 57.1 | 69.1 | 78.5 | 86.6 | 88.2 | 90.7 | 93.1 | 93.8 | 94.7 | 95.2 | 95.2 | 95.7 | 97.1 | 97.1 | 97.1 |
| GE 0 | | 57.1 | 69.1 | 78.5 | 86.6 | 88.2 | 90.7 | 93.1 | 93.8 | 94.7 | 95.2 | 95.2 | 95.7 | 97.1 | 97.1 | 97.1 |

TOTAL NUMBER OF OBSERVATIONS: 627

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72239D STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS/STATION: 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | | 51.5 | 35.8 | 37.2 | 39.0 | 39.3 | 40.5 | 40.8 | 40.8 | 41.1 | 41.3 | 41.5 | 41.5 | 41.7 | 42.2 | 42.5 |
| GE 20000 | 33.9 | 39.2 | 41.1 | 43.4 | 43.8 | 45.2 | 45.8 | 45.8 | 46.1 | 46.3 | 46.4 | 46.4 | 46.4 | 46.7 | 47.2 | 47.5 | 47.5 |
| GE 18000 | 33.9 | 39.2 | 41.1 | 43.4 | 43.8 | 45.2 | 45.8 | 45.8 | 46.1 | 46.3 | 46.4 | 46.4 | 46.4 | 46.7 | 47.2 | 47.5 | 47.5 |
| GE 16000 | 33.9 | 39.3 | 41.2 | 43.5 | 43.9 | 45.3 | 45.9 | 45.9 | 46.2 | 46.4 | 46.5 | 46.5 | 46.5 | 46.8 | 47.3 | 47.6 | 47.6 |
| GE 14000 | 34.2 | 39.6 | 41.6 | 43.9 | 44.2 | 45.7 | 46.3 | 46.3 | 46.5 | 46.8 | 46.9 | 46.9 | 46.9 | 47.2 | 47.6 | 48.0 | 48.0 |
| GE 12000 | 35.3 | 41.2 | 43.3 | 45.6 | 45.9 | 47.5 | 48.1 | 48.1 | 48.4 | 48.6 | 48.7 | 48.7 | 48.7 | 49.0 | 49.5 | 49.8 | 49.8 |
| GE 10000 | 38.2 | 44.6 | 46.9 | 49.5 | 49.8 | 51.5 | 52.1 | 52.1 | 52.1 | 52.4 | 52.7 | 52.7 | 52.7 | 53.0 | 53.5 | 53.8 | 53.8 |
| GE 9000 | 38.7 | 45.1 | 47.4 | 50.1 | 50.4 | 52.1 | 52.7 | 52.7 | 53.0 | 53.2 | 53.3 | 53.3 | 53.3 | 53.6 | 54.1 | 54.4 | 54.4 |
| GE 8000 | 40.6 | 47.0 | 49.8 | 52.6 | 53.2 | 54.9 | 55.5 | 55.5 | 55.8 | 56.0 | 56.1 | 56.1 | 56.1 | 56.4 | 56.8 | 57.2 | 57.2 |
| GE 7000 | 41.1 | 47.5 | 50.3 | 53.2 | 53.9 | 55.6 | 56.2 | 56.2 | 56.5 | 56.7 | 56.8 | 56.8 | 56.8 | 57.1 | 57.6 | 57.9 | 57.9 |
| GE 6000 | 41.5 | 47.9 | 50.9 | 53.8 | 54.5 | 56.2 | 56.8 | 56.8 | 57.1 | 57.3 | 57.5 | 57.5 | 57.5 | 57.7 | 58.2 | 58.5 | 58.5 |
| GE 5000 | 42.1 | 48.5 | 51.5 | 54.4 | 55.2 | 56.8 | 57.5 | 57.5 | 57.7 | 57.9 | 58.1 | 58.1 | 58.1 | 58.3 | 58.8 | 59.2 | 59.2 |
| GE 4000 | 43.3 | 49.7 | 52.7 | 55.6 | 56.4 | 58.1 | 58.7 | 58.7 | 58.9 | 59.2 | 59.3 | 59.3 | 59.3 | 59.5 | 60.0 | 60.4 | 60.4 |
| GE 4000 | 44.1 | 50.8 | 53.9 | 56.9 | 57.6 | 59.3 | 60.0 | 60.0 | 60.2 | 60.5 | 60.6 | 60.6 | 60.6 | 60.8 | 61.3 | 61.7 | 61.7 |
| GE 3500 | 44.7 | 51.6 | 54.8 | 57.7 | 58.4 | 60.1 | 60.8 | 60.8 | 61.1 | 61.3 | 61.5 | 61.5 | 61.5 | 61.7 | 62.2 | 62.5 | 62.5 |
| GE 3000 | 46.4 | 53.1 | 56.4 | 59.4 | 60.1 | 61.8 | 62.5 | 62.5 | 62.8 | 63.0 | 63.2 | 63.2 | 63.2 | 63.4 | 63.9 | 64.2 | 64.2 |
| GE 2500 | 47.2 | 54.2 | 57.7 | 60.7 | 61.5 | 63.2 | 63.9 | 63.9 | 64.1 | 64.4 | 64.5 | 64.5 | 64.5 | 64.7 | 65.2 | 65.6 | 65.6 |
| GE 2000 | 48.4 | 55.4 | 59.0 | 62.2 | 63.0 | 64.7 | 65.5 | 65.5 | 65.7 | 65.9 | 66.1 | 66.1 | 66.1 | 66.3 | 66.8 | 67.2 | 67.2 |
| GE 1800 | 48.5 | 55.8 | 59.4 | 62.5 | 63.4 | 65.1 | 65.8 | 65.8 | 66.1 | 66.3 | 66.4 | 66.4 | 66.4 | 66.7 | 67.2 | 67.5 | 67.5 |
| GE 1500 | 51.4 | 59.2 | 63.0 | 66.7 | 67.5 | 69.2 | 69.9 | 69.9 | 70.2 | 70.4 | 70.5 | 70.5 | 70.5 | 70.8 | 71.3 | 71.6 | 71.6 |
| GE 1200 | 54.1 | 62.2 | 66.9 | 70.9 | 71.9 | 73.6 | 74.4 | 74.5 | 74.8 | 75.0 | 75.2 | 75.2 | 75.2 | 75.4 | 75.9 | 76.2 | 76.2 |
| GE 1000 | 56.7 | 65.5 | 70.8 | 76.3 | 77.1 | 78.8 | 79.6 | 79.8 | 80.0 | 80.2 | 80.4 | 80.4 | 80.4 | 80.6 | 81.1 | 81.5 | 81.5 |
| GE 900 | 57.3 | 66.5 | 72.2 | 77.7 | 78.8 | 80.5 | 81.3 | 81.5 | 81.7 | 81.9 | 82.1 | 82.1 | 82.1 | 82.3 | 82.8 | 83.2 | 83.2 |
| GE 800 | 57.8 | 67.8 | 73.8 | 79.5 | 80.7 | 82.5 | 83.4 | 83.5 | 83.8 | 84.0 | 84.1 | 84.1 | 84.1 | 84.6 | 85.1 | 85.5 | 85.5 |
| GE 700 | 58.4 | 68.6 | 74.8 | 80.8 | 82.1 | 83.9 | 84.7 | 84.8 | 85.1 | 85.3 | 85.5 | 85.5 | 85.5 | 85.9 | 86.4 | 86.8 | 86.8 |
| GE 600 | 58.9 | 69.1 | 75.8 | 82.4 | 83.8 | 85.9 | 87.0 | 87.2 | 87.4 | 87.6 | 87.8 | 87.8 | 87.8 | 88.2 | 88.7 | 89.1 | 89.1 |
| GE 500 | 59.3 | 69.6 | 77.0 | 84.5 | 85.9 | 88.6 | 90.2 | 90.3 | 90.5 | 90.8 | 90.9 | 91.2 | 91.2 | 91.6 | 92.2 | 92.7 | 92.7 |
| GE 400 | 59.3 | 70.2 | 77.6 | 85.8 | 87.5 | 90.3 | 92.0 | 92.1 | 92.4 | 92.6 | 92.7 | 93.0 | 93.0 | 93.5 | 94.1 | 94.5 | 94.5 |
| GE 300 | 59.6 | 70.4 | 77.8 | 86.5 | 88.7 | 91.5 | 93.5 | 93.9 | 94.4 | 94.7 | 94.9 | 95.6 | 95.6 | 96.2 | 97.2 | 97.7 | 97.7 |
| GE 200 | 59.6 | 70.4 | 77.8 | 86.5 | 88.7 | 91.6 | 93.6 | 94.1 | 94.8 | 95.3 | 95.6 | 96.4 | 96.4 | 97.1 | 98.7 | 99.4 | 99.4 |
| GE 100 | 59.6 | 70.4 | 77.8 | 86.5 | 88.7 | 91.6 | 93.6 | 94.1 | 94.8 | 95.3 | 95.6 | 96.4 | 96.4 | 97.1 | 98.7 | 100.0 | 100.0 |
| GE 0 | 59.6 | 70.4 | 77.8 | 86.5 | 88.7 | 91.6 | 93.6 | 94.1 | 94.8 | 95.3 | 95.6 | 96.4 | 96.4 | 97.1 | 98.7 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722990 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(IST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 46.2 | 47.4 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 46.1 |
| GE 20000 | 52.2 | 53.7 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| GE 18000 | 52.5 | 53.9 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| GE 16000 | 52.8 | 54.3 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| GE 14000 | 53.1 | 54.5 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| GE 12000 | 54.3 | 55.7 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| GE 10000 | 56.8 | 58.4 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| GE 9000 | 57.7 | 59.3 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| GE 8000 | 60.1 | 61.7 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| GE 7000 | 61.2 | 62.9 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| GE 6000 | 61.9 | 63.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| GE 5000 | 63.1 | 64.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 4500 | 63.5 | 65.2 | 66.1 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| GE 4000 | 64.8 | 66.5 | 67.7 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| GE 3500 | 66.7 | 68.4 | 69.8 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| GE 3000 | 72.7 | 74.4 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| GE 2500 | 76.7 | 78.6 | 79.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 2000 | 81.1 | 83.3 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| GE 1800 | 81.7 | 84.0 | 85.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GE 1500 | 84.6 | 87.1 | 88.8 | 89.1 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 1200 | 87.9 | 90.7 | 92.5 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 1000 | 89.7 | 93.0 | 95.2 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 900 | 90.1 | 93.3 | 95.5 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 800 | 90.8 | 94.3 | 96.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 700 | 90.9 | 94.4 | 96.7 | 97.7 | 97.9 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 600 | 91.4 | 95.0 | 97.3 | 98.4 | 98.7 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 500 | 91.4 | 95.2 | 97.5 | 98.9 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 400 | 91.4 | 95.2 | 97.5 | 99.0 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 300 | 91.5 | 95.3 | 97.6 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 200 | 91.5 | 95.3 | 97.6 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 100 | 91.5 | 95.3 | 97.6 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 91.5 | 95.3 | 97.6 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS (LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | .1 | 49.1 | 49.9 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| GE 20000 | .1 | 59.2 | 60.4 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| GE 18000 | .1 | 59.3 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 16000 | .1 | 59.5 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| GE 14000 | .1 | 60.0 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 12000 | .1 | 61.2 | 62.4 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 10000 | .1 | 63.9 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| GE 9000 | .1 | 64.2 | 65.5 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 8000 | .1 | 66.7 | 68.2 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| GE 7000 | .1 | 67.1 | 68.9 | 69.2 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 6000 | .1 | 67.4 | 69.1 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 5000 | .1 | 67.6 | 69.5 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| GE 4500 | .1 | 67.9 | 69.7 | 70.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 4000 | .1 | 73.2 | 75.4 | 76.0 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 3500 | .1 | 77.0 | 79.4 | 80.0 | 80.2 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 3000 | .1 | 83.3 | 85.8 | 86.4 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 2500 | .1 | 87.1 | 89.7 | 90.4 | 90.9 | 90.9 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 2000 | .1 | 89.2 | 92.0 | 92.7 | 93.7 | 93.2 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 1800 | .1 | 89.9 | 92.6 | 93.3 | 93.8 | 93.8 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 1500 | .1 | 91.3 | 94.4 | 95.8 | 96.5 | 96.5 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 1200 | .1 | 91.8 | 95.1 | 96.4 | 97.2 | 97.2 | 97.8 | 97.9 | 97.9 | 98.0 | 98.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 1000 | .1 | 92.3 | 95.7 | 97.0 | 97.8 | 97.8 | 98.4 | 98.5 | 98.5 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 900 | .1 | 92.5 | 95.8 | 97.2 | 98.7 | 98.1 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 800 | .1 | 92.5 | 95.6 | 97.2 | 98.0 | 98.1 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 700 | .1 | 92.6 | 95.9 | 97.3 | 98.1 | 98.3 | 98.9 | 99.0 | 99.0 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 600 | .1 | 92.6 | 95.9 | 97.3 | 98.1 | 98.4 | 99.0 | 99.3 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 500 | .1 | 92.6 | 96.0 | 97.4 | 98.3 | 98.5 | 99.1 | 99.4 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | .1 | 92.6 | 96.0 | 97.4 | 98.3 | 98.5 | 99.1 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | .1 | 92.6 | 96.0 | 97.4 | 98.3 | 98.5 | 99.1 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | .1 | 92.6 | 96.0 | 97.4 | 98.3 | 98.5 | 99.1 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .1 | 92.6 | 96.0 | 97.4 | 98.3 | 98.5 | 99.1 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | .1 | 92.6 | 96.0 | 97.4 | 98.3 | 98.5 | 99.1 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(EST): 1500-1700

| CEILING IN FEET | I | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---|-----------------------------|------|------|------|-------|------|-------|------|------|------|------|------|------|------|------|------|
| | | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE |
| | | 1 | 1/2 | 3/4 | 1 | 1 1/2 | 2 | 3 1/2 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 0 |
| NO CEIL | I | .4 | 53.1 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| GE 20000 | I | .5 | 64.5 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 18000 | I | .5 | 65.4 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| GE 16000 | I | .5 | 65.4 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| GE 14000 | I | .5 | 66.1 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| GE 12000 | I | .5 | 67.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| GE 10000 | I | .5 | 72.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 9000 | I | .5 | 72.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| GE 8000 | I | .5 | 75.4 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| GE 7000 | I | .5 | 76.6 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 6000 | I | .5 | 76.6 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 5000 | I | .5 | 78.2 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| GE 4500 | I | .5 | 79.1 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| GE 4000 | I | .5 | 82.9 | 85.4 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GE 3500 | I | .5 | 85.1 | 87.7 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 3000 | I | .5 | 88.4 | 91.3 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 2500 | I | .5 | 90.7 | 94.0 | 94.8 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 2000 | I | .5 | 91.6 | 95.2 | 96.3 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 1900 | I | .5 | 91.8 | 95.6 | 96.6 | 96.8 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 1800 | I | .5 | 92.1 | 96.1 | 97.3 | 97.7 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 1700 | I | .5 | 92.7 | 96.8 | 98.2 | 98.5 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1600 | I | .5 | 92.7 | 96.9 | 98.3 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1500 | I | .5 | 92.7 | 96.9 | 98.3 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1400 | I | .5 | 92.7 | 96.9 | 98.3 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1300 | I | .5 | 92.9 | 97.0 | 98.4 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1200 | I | .5 | 93.1 | 97.3 | 98.6 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1100 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 0 | I | .5 | 93.4 | 97.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS: 813

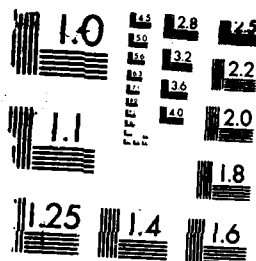
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FT POLK LOUISIANA LIMITED SURFACE OBSERVATIONS CLIMATIC 3/4
SUMMARY FY 1986 (U) AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER SCOTT AFB 14 JUL 87

UNCLASSIFIED

F/G 4/2

NL



MICROCOPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|-------|-------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 | | |
| NO CEIL | | 58.6 | 60.8 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| GE 20000 | | 68.5 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| GE 18000 | | 68.5 | 71.2 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| GE 16000 | | 68.6 | 71.3 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| GE 14000 | | 69.0 | 71.7 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 12000 | | 70.2 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 10000 | | 73.9 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| GE 9000 | | 74.8 | 77.5 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 8000 | | 76.9 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| GE 7000 | | 77.7 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 6000 | | 78.5 | 81.8 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 5000 | | 81.1 | 84.4 | 84.6 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| GE 4500 | | 81.8 | 85.0 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 4000 | | 84.1 | 87.7 | 88.3 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 3500 | | 85.2 | 89.0 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 3000 | | 87.1 | 91.4 | 92.4 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 2500 | | 87.6 | 92.1 | 93.1 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 2000 | | 88.5 | 93.3 | 94.3 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 1800 | | 88.7 | 93.5 | 94.5 | 95.4 | 95.5 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 1500 | | 88.8 | 93.8 | 94.8 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 1200 | | 89.6 | 94.7 | 95.8 | 96.8 | 96.9 | 97.0 | 97.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 1000 | | 89.8 | 95.0 | 96.2 | 97.1 | 97.3 | 97.4 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 900 | | 89.8 | 95.0 | 96.2 | 97.3 | 97.4 | 97.5 | 97.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 800 | | 89.8 | 95.2 | 96.4 | 97.5 | 97.6 | 97.8 | 98.1 | 98.1 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 700 | | 90.0 | 95.3 | 96.5 | 97.6 | 97.8 | 98.3 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 600 | | 90.1 | 95.4 | 96.7 | 97.9 | 98.1 | 98.6 | 99.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 500 | | 90.4 | 95.8 | 97.1 | 98.4 | 98.6 | 99.1 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | | 90.4 | 95.8 | 97.1 | 98.4 | 98.6 | 99.1 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | | 90.4 | 95.8 | 97.1 | 98.4 | 98.6 | 99.1 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | | 90.4 | 95.8 | 97.1 | 98.4 | 98.6 | 99.1 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | 90.4 | 95.8 | 97.1 | 98.4 | 98.6 | 99.1 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | 90.4 | 95.8 | 97.1 | 98.4 | 98.6 | 99.1 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 79-86
MONTH: MAY HOURS(IST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 65.3 | 68.3 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 20000 | 69.8 | 73.3 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 18000 | 69.9 | 73.5 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 16000 | 69.9 | 73.5 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 14000 | 70.3 | 73.8 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 12000 | 70.3 | 73.8 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 10000 | 72.8 | 76.7 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| GE 9000 | 73.7 | 77.6 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| GE 8000 | 74.7 | 78.6 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| GE 7000 | 75.3 | 79.2 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 6000 | 75.8 | 79.7 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 5000 | 78.1 | 82.0 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 4500 | 79.4 | 83.3 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 4000 | 81.1 | 85.4 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 3500 | 82.2 | 86.5 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 3000 | 82.7 | 87.4 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 2500 | 82.7 | 87.4 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 2000 | 83.8 | 89.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 1800 | 84.2 | 89.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 1500 | 85.9 | 91.8 | 92.9 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 1200 | 87.4 | 93.4 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 1000 | 88.1 | 94.3 | 95.7 | 95.7 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 900 | 88.4 | 94.8 | 96.4 | 96.4 | 96.6 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 800 | 88.6 | 95.4 | 97.0 | 97.2 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 700 | 88.8 | 95.6 | 97.3 | 97.5 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 600 | 89.1 | 96.1 | 97.9 | 98.0 | 98.4 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 500 | 89.5 | 96.4 | 98.2 | 98.4 | 98.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 89.5 | 96.4 | 98.2 | 98.4 | 98.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 89.5 | 96.4 | 98.2 | 98.4 | 98.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 89.5 | 96.4 | 98.2 | 98.4 | 98.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 89.5 | 96.4 | 98.2 | 98.4 | 98.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 01 | 89.5 | 96.4 | 98.2 | 98.4 | 98.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 562

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(1ST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .1 | 48.5 | 51.1 | 52.0 | 52.8 | 53.0 | 53.3 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.6 | 53.7 | 53.7 | 53.8 |
| GE 20000 | .1 | 55.0 | 58.1 | 59.2 | 60.1 | 60.3 | 60.6 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.2 |
| GE 18000 | .1 | 55.2 | 58.4 | 59.5 | 60.4 | 60.5 | 60.8 | 61.0 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.3 | 61.3 | 61.4 |
| GE 16000 | .1 | 55.3 | 58.5 | 59.6 | 60.5 | 60.6 | 60.9 | 61.1 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.4 | 61.5 | 61.5 |
| GE 14000 | .1 | 55.6 | 58.9 | 60.0 | 60.9 | 61.0 | 61.3 | 61.5 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.8 | 61.9 | 61.9 |
| GE 12000 | .1 | 56.5 | 59.8 | 61.0 | 61.9 | 62.0 | 62.4 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 | 62.9 | 62.9 | 63.0 |
| GE 10000 | .1 | 59.5 | 63.0 | 64.2 | 65.2 | 65.3 | 65.7 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.1 | 66.2 | 66.3 | 66.3 |
| GE 9000 | .1 | 60.1 | 63.6 | 64.8 | 65.8 | 65.9 | 66.3 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.8 | 66.9 | 66.9 |
| GE 8000 | .1 | 62.2 | 65.8 | 67.1 | 68.1 | 68.3 | 68.7 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.1 | 69.2 | 69.3 | 69.3 |
| GE 7000 | .1 | 62.9 | 66.6 | 67.9 | 69.0 | 69.2 | 69.6 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.1 | 70.2 | 70.2 |
| GE 6000 | .1 | 63.3 | 67.0 | 68.4 | 69.4 | 69.6 | 70.0 | 70.2 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.5 | 70.6 | 70.7 |
| GE 5000 | .1 | 64.6 | 68.3 | 69.8 | 70.8 | 71.1 | 71.4 | 71.6 | 71.7 | 71.8 | 71.8 | 71.8 | 71.9 | 72.0 | 72.0 | 72.1 |
| GE 4500 | .1 | 65.3 | 69.0 | 70.4 | 71.5 | 71.8 | 72.1 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.7 | 72.7 | 72.8 |
| GE 4000 | .1 | 67.7 | 71.6 | 73.3 | 74.4 | 74.6 | 75.0 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.5 | 75.6 | 75.7 | 75.7 |
| GE 3500 | .1 | 69.3 | 73.4 | 75.1 | 76.2 | 76.4 | 76.9 | 77.1 | 77.1 | 77.2 | 77.2 | 77.3 | 77.3 | 77.4 | 77.5 | 77.6 |
| GE 3000 | .1 | 72.3 | 76.6 | 78.4 | 79.6 | 79.9 | 80.3 | 80.5 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.8 | 80.9 | 81.0 |
| GE 2500 | .1 | 74.1 | 78.5 | 80.5 | 81.7 | 81.9 | 82.4 | 82.7 | 82.7 | 82.8 | 82.8 | 82.9 | 82.9 | 83.0 | 83.1 | 83.2 |
| GE 2000 | .1 | 75.4 | 80.5 | 82.6 | 84.0 | 84.2 | 84.7 | 85.0 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 | 85.3 | 85.4 | 85.5 |
| GE 1800 | .1 | 76.1 | 81.0 | 83.0 | 84.4 | 84.7 | 85.2 | 85.4 | 85.5 | 85.6 | 85.6 | 85.6 | 85.7 | 85.8 | 85.8 | 85.9 |
| GE 1500 | .1 | 78.1 | 83.3 | 85.6 | 87.1 | 87.5 | 88.0 | 88.3 | 88.3 | 88.4 | 88.4 | 88.5 | 88.5 | 88.6 | 88.7 | 88.8 |
| GE 1200 | .1 | 79.7 | 85.1 | 87.8 | 89.4 | 89.7 | 90.3 | 90.6 | 90.7 | 90.8 | 90.8 | 90.9 | 91.0 | 91.1 | 91.1 | 91.2 |
| GE 1000 | .1 | 80.6 | 86.3 | 89.2 | 91.0 | 91.4 | 92.1 | 92.4 | 92.5 | 92.7 | 92.7 | 92.7 | 92.8 | 92.9 | 93.0 | 93.0 |
| GE 900 | .1 | 81.0 | 86.9 | 89.9 | 92.0 | 92.4 | 93.0 | 93.4 | 93.5 | 93.6 | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 94.0 |
| GE 800 | .1 | 81.3 | 87.5 | 90.5 | 92.7 | 93.1 | 93.8 | 94.1 | 94.2 | 94.4 | 94.4 | 94.5 | 94.5 | 94.7 | 94.7 | 94.8 |
| GE 700 | .1 | 81.6 | 87.9 | 91.0 | 93.3 | 93.8 | 94.5 | 94.9 | 94.9 | 95.1 | 95.2 | 95.2 | 95.3 | 95.5 | 95.5 | 95.6 |
| GE 600 | .1 | 81.9 | 88.3 | 91.6 | 94.0 | 94.5 | 95.3 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.4 | 96.5 |
| GE 500 | .1 | 82.3 | 88.8 | 92.2 | 94.7 | 95.3 | 96.3 | 96.9 | 97.0 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 |
| GE 400 | .1 | 82.3 | 89.0 | 92.4 | 95.2 | 95.8 | 96.9 | 97.5 | 97.6 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.5 |
| GE 300 | .1 | 82.4 | 89.1 | 92.5 | 95.4 | 96.1 | 97.2 | 97.9 | 98.0 | 98.3 | 98.5 | 98.6 | 98.8 | 99.0 | 99.1 | 99.3 |
| GE 200 | .1 | 82.4 | 89.1 | 92.6 | 95.5 | 96.2 | 97.3 | 98.0 | 98.1 | 98.5 | 98.7 | 98.8 | 99.1 | 99.3 | 99.6 | 99.8 |
| GE 100 | .1 | 82.4 | 89.1 | 92.6 | 95.5 | 96.2 | 97.3 | 98.0 | 98.1 | 98.5 | 98.7 | 98.8 | 99.1 | 99.3 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 5827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: JUN HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | 62.6 | 70.0 | 72.8 | 73.7 | 73.9 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 20000 | | 64.6 | 72.0 | 75.0 | 75.9 | 76.3 | 76.7 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 18000 | | 64.6 | 72.0 | 75.0 | 75.9 | 76.3 | 76.7 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 16000 | | 64.6 | 72.0 | 75.0 | 75.9 | 76.3 | 76.7 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 14000 | | 65.0 | 72.4 | 75.4 | 76.3 | 76.7 | 77.0 | 77.2 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| GE 12000 | | 65.2 | 73.0 | 75.9 | 76.9 | 77.2 | 77.6 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 10000 | | 65.9 | 73.9 | 76.9 | 77.8 | 78.1 | 78.5 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| GE 9000 | | 66.1 | 74.1 | 77.0 | 78.0 | 78.3 | 78.7 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 8000 | | 68.1 | 76.1 | 79.1 | 80.2 | 80.6 | 80.9 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE 7000 | | 68.1 | 76.5 | 79.4 | 80.6 | 81.1 | 81.5 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 6000 | | 68.1 | 76.5 | 79.4 | 80.6 | 81.1 | 81.5 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 5000 | | 68.9 | 77.6 | 80.7 | 82.0 | 82.6 | 83.0 | 83.1 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 4500 | | 69.6 | 78.3 | 81.5 | 82.8 | 83.3 | 83.7 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 4000 | | 70.7 | 79.4 | 82.6 | 83.9 | 84.4 | 84.8 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 3500 | | 70.9 | 79.6 | 83.0 | 84.3 | 84.8 | 85.2 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 3000 | | 71.3 | 80.2 | 83.5 | 84.8 | 85.4 | 85.7 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 2500 | | 71.9 | 80.7 | 84.1 | 85.4 | 85.9 | 86.3 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 2000 | | 73.1 | 82.0 | 85.4 | 86.7 | 87.2 | 87.6 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 1800 | | 73.5 | 82.4 | 85.7 | 87.0 | 87.6 | 88.0 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 1500 | | 73.9 | 82.8 | 86.1 | 87.4 | 88.0 | 88.3 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 1200 | | 75.7 | 84.8 | 88.1 | 89.4 | 90.0 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 1000 | | 76.9 | 85.9 | 89.3 | 90.6 | 91.1 | 91.5 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 900 | | 78.5 | 87.6 | 90.9 | 92.2 | 92.8 | 93.1 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 800 | | 78.5 | 87.6 | 91.1 | 92.4 | 93.0 | 93.3 | 93.5 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 700 | | 79.3 | 88.3 | 92.0 | 93.3 | 93.9 | 94.4 | 94.6 | 94.6 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 600 | | 80.9 | 90.2 | 94.1 | 95.6 | 96.1 | 96.7 | 96.9 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 500 | | 81.9 | 91.3 | 95.2 | 96.7 | 97.2 | 97.8 | 98.0 | 98.0 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 400 | | 81.9 | 91.5 | 95.4 | 96.9 | 97.4 | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 300 | | 81.9 | 91.5 | 95.4 | 96.9 | 97.4 | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 200 | | 81.9 | 91.5 | 95.4 | 96.9 | 97.4 | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 100 | | 81.9 | 91.5 | 95.4 | 96.9 | 97.4 | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 0 | | 81.9 | 91.5 | 95.4 | 96.9 | 97.4 | 98.0 | 98.1 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: JUN HOURS: 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 38.6 | 46.0 | 50.5 | 55.4 | 56.6 | 58.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 60.1 | 60.1 | 60.1 | 60.1 |
| GE 20000 | 41.4 | 49.7 | 55.1 | 60.6 | 61.8 | 63.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.6 |
| GE 18000 | 41.6 | 49.8 | 55.3 | 60.8 | 61.9 | 64.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.6 | 65.6 | 65.6 | 65.7 |
| GE 16000 | 41.6 | 49.8 | 55.3 | 60.8 | 61.9 | 64.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.6 | 65.6 | 65.6 | 65.7 |
| GE 14000 | 41.9 | 50.2 | 55.6 | 61.1 | 62.3 | 64.4 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.9 | 65.9 | 65.9 | 66.1 |
| GE 12000 | 42.2 | 50.8 | 56.3 | 61.8 | 62.9 | 65.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.6 | 66.6 | 66.6 | 66.7 |
| GE 10000 | 42.7 | 52.0 | 57.5 | 63.1 | 64.4 | 66.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.0 | 68.0 | 68.0 | 68.2 |
| GE 9000 | 42.7 | 52.0 | 57.5 | 63.1 | 64.4 | 66.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 68.0 | 68.0 | 68.0 | 68.2 |
| GE 8000 | 44.7 | 54.3 | 59.8 | 65.6 | 66.9 | 69.0 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.7 | 70.7 | 70.7 | 70.9 |
| GE 7000 | 45.9 | 55.5 | 60.9 | 66.7 | 68.0 | 70.4 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 72.0 | 72.0 | 72.0 | 72.2 |
| GE 6000 | 46.2 | 55.8 | 61.3 | 67.1 | 68.4 | 70.7 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.5 | 72.5 | 72.5 | 72.7 |
| GE 5000 | 46.7 | 56.5 | 61.9 | 67.9 | 69.2 | 71.5 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.3 | 73.3 | 73.3 | 73.5 |
| GE 4500 | 46.7 | 56.8 | 62.4 | 68.4 | 69.7 | 72.0 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.8 | 73.8 | 73.8 | 74.0 |
| GE 4000 | 47.7 | 57.9 | 63.6 | 69.5 | 70.9 | 73.2 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.2 | 75.2 | 75.2 | 75.3 |
| GE 3500 | 48.7 | 58.9 | 64.7 | 70.9 | 72.2 | 74.5 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.5 | 76.5 | 76.5 | 76.7 |
| GE 3000 | 49.2 | 59.4 | 65.2 | 71.4 | 72.7 | 75.0 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 77.0 | 77.0 | 77.0 | 77.2 |
| GE 2500 | 49.3 | 59.8 | 65.6 | 71.7 | 73.0 | 75.3 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.3 | 77.3 | 77.3 | 77.5 |
| GE 2000 | 50.3 | 60.9 | 66.9 | 73.0 | 74.5 | 76.8 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.8 | 78.8 | 78.8 | 79.0 |
| GE 1800 | 50.5 | 61.1 | 67.1 | 73.2 | 74.7 | 77.0 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 79.0 | 79.0 | 79.0 | 79.1 |
| GE 1500 | 51.0 | 61.9 | 67.9 | 74.0 | 75.5 | 78.0 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 80.0 | 80.0 | 80.0 | 80.1 |
| GE 1200 | 51.3 | 62.4 | 68.4 | 74.5 | 76.0 | 78.5 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.6 | 80.6 | 80.6 | 80.8 |
| GE 1000 | 53.0 | 64.2 | 70.2 | 76.3 | 77.8 | 80.3 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.8 | 82.8 | 82.8 | 82.9 |
| GE 900 | 53.5 | 65.1 | 71.0 | 77.3 | 78.8 | 81.3 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.8 | 83.8 | 83.8 | 83.9 |
| GE 800 | 54.3 | 66.1 | 72.4 | 78.8 | 80.3 | 82.8 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 85.3 | 85.3 | 85.3 | 85.4 |
| GE 700 | 55.8 | 67.5 | 73.8 | 80.3 | 81.8 | 84.3 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.8 | 86.8 | 86.8 | 86.9 |
| GE 600 | 57.8 | 70.2 | 77.3 | 83.9 | 85.6 | 88.1 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.6 | 90.6 | 90.6 | 90.7 |
| GE 500 | 58.3 | 71.5 | 79.3 | 85.9 | 87.6 | 90.4 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.9 | 92.9 | 92.9 | 93.0 |
| GE 400 | 58.9 | 72.4 | 80.5 | 87.4 | 89.1 | 92.1 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 95.0 | 95.0 | 95.0 | 95.2 |
| GE 300 | 58.9 | 72.4 | 80.5 | 87.4 | 89.2 | 92.4 | 95.2 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 96.4 | 96.4 | 96.4 | 96.9 |
| GE 200 | 58.9 | 72.4 | 80.5 | 87.4 | 89.2 | 92.4 | 95.4 | 95.5 | 96.2 | 96.4 | 96.4 | 96.4 | 97.4 | 97.4 | 97.4 | 99.0 |
| GE 100 | 58.9 | 72.4 | 80.5 | 87.4 | 89.2 | 92.4 | 95.4 | 95.5 | 96.2 | 96.4 | 96.4 | 96.4 | 97.4 | 97.4 | 98.0 | 100.0 |
| GE 0 | 58.9 | 72.4 | 80.5 | 87.4 | 89.2 | 92.4 | 95.4 | 95.5 | 96.2 | 96.4 | 96.4 | 96.4 | 97.4 | 97.4 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 604

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86

MONTH: JUN HOURS(IST): 0600-0800

| CEILING IN FEET | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|-----------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| NO CEIL | 41.0 | 46.5 | 49.9 | 51.8 | 52.3 | 53.5 | 54.1 | 54.4 | 54.4 | 54.5 | 54.6 | 54.8 | 55.2 | 55.7 | 56.0 | |
| GE 20000 | 45.4 | 51.5 | 55.3 | 57.3 | 57.9 | 59.1 | 59.8 | 60.0 | 60.0 | 60.1 | 60.2 | 60.6 | 61.0 | 61.5 | 61.7 | |
| GE 18000 | 45.6 | 51.8 | 55.6 | 57.5 | 58.2 | 59.4 | 60.0 | 60.2 | 60.2 | 60.4 | 60.5 | 60.9 | 61.2 | 61.7 | 62.0 | |
| GE 16000 | 45.6 | 51.8 | 55.6 | 57.5 | 58.2 | 59.4 | 60.0 | 60.2 | 60.2 | 60.4 | 60.5 | 60.9 | 61.2 | 61.7 | 62.0 | |
| GE 14000 | 45.9 | 52.0 | 56.0 | 57.9 | 58.5 | 59.8 | 60.4 | 60.6 | 60.6 | 60.7 | 60.9 | 61.2 | 61.6 | 62.1 | 62.3 | |
| GE 12000 | 46.7 | 53.1 | 57.1 | 59.0 | 59.6 | 60.9 | 61.5 | 61.7 | 61.7 | 61.8 | 62.0 | 62.3 | 62.7 | 63.2 | 63.6 | |
| GE 10000 | 48.0 | 54.6 | 58.5 | 60.5 | 61.1 | 62.3 | 63.1 | 63.3 | 63.3 | 63.4 | 63.6 | 63.9 | 64.3 | 64.8 | 65.2 | |
| GE 9000 | 48.1 | 54.7 | 58.8 | 60.7 | 61.3 | 62.6 | 63.3 | 63.6 | 63.6 | 63.7 | 63.8 | 64.2 | 64.5 | 65.0 | 65.4 | |
| GE 8000 | 50.7 | 57.4 | 62.0 | 63.9 | 64.5 | 65.9 | 66.6 | 66.9 | 67.2 | 67.4 | 67.5 | 67.9 | 68.2 | 68.7 | 69.1 | |
| GE 7000 | 51.8 | 58.5 | 63.1 | 65.0 | 65.6 | 67.0 | 67.7 | 68.0 | 68.3 | 68.5 | 68.6 | 69.0 | 69.3 | 69.8 | 70.2 | |
| GE 6000 | 52.4 | 59.1 | 63.7 | 65.6 | 66.3 | 67.6 | 68.3 | 68.6 | 69.0 | 69.1 | 69.2 | 69.6 | 69.9 | 70.4 | 70.8 | |
| GE 5000 | 53.9 | 60.6 | 65.2 | 67.2 | 67.9 | 69.2 | 69.9 | 70.2 | 70.6 | 70.7 | 70.8 | 71.2 | 71.5 | 72.0 | 72.4 | |
| GE 4500 | 54.1 | 61.0 | 65.8 | 67.9 | 68.5 | 69.8 | 70.6 | 70.8 | 71.2 | 71.3 | 71.4 | 71.8 | 72.1 | 72.6 | 73.0 | |
| GE 4000 | 54.8 | 62.0 | 66.9 | 69.2 | 69.8 | 71.2 | 71.9 | 72.1 | 72.5 | 72.8 | 72.9 | 73.3 | 73.6 | 74.1 | 74.5 | |
| GE 3500 | 55.2 | 62.3 | 67.2 | 69.7 | 70.3 | 71.9 | 72.6 | 72.9 | 73.3 | 73.5 | 73.6 | 74.0 | 74.4 | 74.8 | 75.2 | |
| GE 3000 | 55.5 | 62.8 | 67.7 | 70.2 | 70.8 | 72.4 | 73.1 | 73.4 | 73.7 | 74.0 | 74.1 | 74.5 | 74.8 | 75.3 | 75.7 | |
| GE 2500 | 56.3 | 63.7 | 68.6 | 71.2 | 71.8 | 73.4 | 74.1 | 74.4 | 74.7 | 75.0 | 75.1 | 75.5 | 75.8 | 76.3 | 76.7 | |
| GE 2000 | 57.3 | 64.9 | 69.8 | 72.5 | 73.1 | 74.7 | 75.5 | 75.7 | 76.1 | 76.3 | 76.4 | 76.8 | 77.3 | 77.8 | 78.2 | |
| GE 1800 | 57.7 | 65.3 | 70.2 | 72.9 | 73.5 | 75.1 | 75.8 | 76.1 | 76.4 | 76.7 | 76.8 | 77.2 | 77.7 | 78.2 | 78.5 | |
| GE 1500 | 58.8 | 66.6 | 71.8 | 74.5 | 75.1 | 76.7 | 77.5 | 77.8 | 78.2 | 78.4 | 78.5 | 78.9 | 79.4 | 79.9 | 80.2 | |
| GE 1200 | 60.9 | 68.8 | 74.1 | 77.1 | 77.7 | 79.3 | 80.2 | 80.5 | 80.9 | 81.1 | 81.2 | 81.6 | 82.1 | 82.6 | 82.9 | |
| GE 1000 | 61.8 | 69.9 | 75.3 | 78.5 | 79.1 | 80.9 | 81.8 | 82.2 | 82.6 | 82.8 | 82.9 | 83.3 | 83.8 | 84.3 | 84.8 | |
| GE 900 | 62.6 | 71.0 | 76.6 | 79.8 | 80.4 | 82.1 | 83.1 | 83.4 | 83.8 | 84.0 | 84.2 | 84.5 | 85.0 | 85.5 | 86.0 | |
| GE 800 | 63.4 | 72.5 | 78.0 | 81.3 | 82.0 | 83.8 | 84.9 | 85.3 | 85.6 | 85.9 | 86.0 | 86.4 | 86.9 | 87.4 | 87.9 | |
| GE 700 | 64.4 | 74.0 | 79.6 | 82.9 | 83.6 | 85.4 | 86.5 | 86.9 | 87.2 | 87.5 | 87.6 | 88.0 | 88.5 | 89.0 | 89.4 | |
| GE 600 | 65.2 | 75.2 | 81.2 | 84.9 | 85.6 | 87.6 | 89.0 | 89.3 | 89.7 | 89.9 | 90.1 | 90.4 | 90.9 | 91.4 | 91.9 | |
| GE 500 | 65.9 | 76.4 | 82.6 | 86.6 | 87.4 | 89.6 | 91.2 | 91.5 | 92.1 | 92.4 | 92.5 | 93.0 | 93.6 | 94.2 | 94.7 | |
| GE 400 | 66.0 | 76.7 | 82.9 | 87.5 | 88.2 | 91.0 | 92.9 | 93.3 | 93.9 | 94.2 | 94.4 | 94.8 | 95.5 | 96.1 | 96.8 | |
| GE 300 | 66.0 | 76.7 | 83.1 | 87.6 | 88.3 | 91.3 | 93.3 | 93.9 | 94.8 | 95.3 | 95.5 | 96.0 | 96.6 | 97.4 | 98.4 | |
| GE 200 | 66.0 | 76.7 | 83.1 | 87.6 | 88.3 | 91.3 | 93.4 | 94.0 | 95.0 | 95.7 | 96.0 | 96.6 | 97.3 | 98.4 | 99.8 | |
| GE 100 | 66.0 | 76.7 | 83.1 | 87.6 | 88.3 | 91.3 | 93.4 | 94.0 | 95.0 | 95.7 | 96.0 | 96.6 | 97.3 | 98.4 | 100.0 | |
| GE 0 | 66.0 | 76.7 | 83.1 | 87.6 | 88.3 | 91.3 | 93.4 | 94.0 | 95.0 | 95.7 | 96.0 | 96.6 | 97.3 | 98.4 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 55.0 | 57.1 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| GE 20000 | 62.3 | 64.7 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| GE 18000 | 62.4 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 16000 | 62.4 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 14000 | 62.5 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| GE 12000 | 63.5 | 66.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 10000 | 66.3 | 69.0 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| GE 9000 | 66.5 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| GE 8000 | 68.7 | 71.5 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 7000 | 69.3 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| GE 6000 | 69.4 | 72.2 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| GE 5000 | 70.8 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 4500 | 71.5 | 74.9 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 4000 | 72.9 | 76.4 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| GE 3500 | 74.3 | 77.9 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE 3000 | 78.3 | 82.1 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 2500 | 80.2 | 84.0 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 2000 | 84.3 | 88.2 | 88.9 | 89.2 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 1800 | 84.9 | 88.8 | 89.6 | 89.8 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 1500 | 90.3 | 94.2 | 95.0 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 1200 | 91.5 | 95.5 | 96.4 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 1000 | 92.0 | 96.1 | 97.3 | 97.7 | 97.9 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 900 | 92.3 | 96.4 | 97.7 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 800 | 92.3 | 96.4 | 97.7 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 700 | 92.5 | 96.7 | 98.0 | 98.5 | 98.6 | 98.6 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 600 | 92.6 | 97.1 | 98.6 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 92.8 | 97.2 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 92.8 | 97.2 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 92.8 | 97.2 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 92.8 | 97.2 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 92.8 | 97.2 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 92.8 | 97.2 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 53.1 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| GE 20000 | | 64.7 | 66.2 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 18000 | | 64.8 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 16000 | | 64.8 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 14000 | | 64.9 | 66.4 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| GE 12000 | | 66.9 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 10000 | | 69.2 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 9000 | | 70.1 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| GE 8000 | .1 | 74.2 | 75.8 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| GE 7000 | .1 | 74.5 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 6000 | .1 | 74.5 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 5000 | .1 | 75.6 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| GE 4500 | .1 | 76.5 | 78.2 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE 4000 | .1 | 77.6 | 79.5 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| GE 3500 | .1 | 82.0 | 84.0 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 3000 | .1 | 88.6 | 90.9 | 91.3 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 2500 | .1 | 91.3 | 94.2 | 94.7 | 95.0 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 2000 | .3 | 93.2 | 96.2 | 97.0 | 97.2 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 1800 | .3 | 93.2 | 96.2 | 97.1 | 97.4 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 1500 | .3 | 94.2 | 97.2 | 98.2 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1200 | .4 | 94.6 | 97.6 | 98.6 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1000 | .4 | 94.7 | 98.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | .4 | 94.7 | 98.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | .4 | 94.7 | 98.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | .4 | 94.7 | 98.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | .4 | 94.7 | 98.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | .4 | 94.7 | 98.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | .4 | 94.7 | 98.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | .4 | 94.7 | 98.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | .4 | 94.7 | 98.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .4 | 94.7 | 98.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 01 | .4 | 94.7 | 98.1 | 99.1 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .4 | 55.3 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 20000 | .4 | 71.9 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 18000 | .4 | 72.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 |
| GE 16000 | .4 | 72.2 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 |
| GE 14000 | .4 | 73.1 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 12000 | .4 | 74.6 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 |
| GE 10000 | .4 | 76.4 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 |
| GE 9000 | .4 | 78.6 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 8000 | .4 | 82.9 | 84.5 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 |
| GE 7000 | .4 | 83.3 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 6000 | .4 | 83.3 | 85.0 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 5000 | .4 | 84.8 | 86.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 4500 | .4 | 85.8 | 87.5 | 87.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 4000 | .4 | 87.3 | 89.2 | 89.7 | 89.9 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 3500 | .4 | 89.9 | 92.1 | 92.6 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 3000 | .4 | 92.6 | 95.2 | 95.8 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 2500 | .5 | 93.7 | 96.5 | 97.1 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 2000 | .5 | 94.1 | 96.9 | 97.5 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 1800 | .5 | 94.1 | 96.9 | 97.5 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 1500 | .5 | 94.7 | 97.5 | 98.1 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1200 | .5 | 95.0 | 97.9 | 98.5 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | .5 | 95.0 | 97.9 | 98.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | .5 | 95.0 | 97.9 | 98.5 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | .5 | 95.0 | 97.9 | 98.5 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | .5 | 95.1 | 98.0 | 98.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | .5 | 95.1 | 98.0 | 98.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | .5 | 95.1 | 98.0 | 98.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | .5 | 95.1 | 98.0 | 98.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | .5 | 95.1 | 98.0 | 98.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | .5 | 95.1 | 98.0 | 98.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .5 | 95.1 | 98.0 | 98.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | .5 | 95.1 | 98.0 | 98.6 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: SEP HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .6 | 65.0 | 68.7 | 71.7 | 71.7 | 72.2 | 72.2 | 72.2 | 72.2 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.8 | 72.8 |
| GE 20000 | .6 | 69.3 | 73.7 | 77.4 | 77.6 | 78.0 | 78.0 | 78.0 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 |
| GE 18000 | .6 | 69.4 | 73.9 | 77.6 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.7 | 78.7 |
| GE 16000 | .6 | 69.8 | 74.4 | 78.1 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.3 | 79.3 |
| GE 14000 | .6 | 69.8 | 74.4 | 78.1 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.3 | 79.3 |
| GE 12000 | .6 | 71.9 | 76.5 | 80.2 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.3 | 81.3 |
| GE 10000 | .6 | 73.1 | 78.0 | 81.7 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.8 | 82.8 |
| GE 9000 | .6 | 73.9 | 78.7 | 82.4 | 82.6 | 83.0 | 83.0 | 83.0 | 83.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.5 | 83.5 |
| GE 8000 | .6 | 75.2 | 80.7 | 84.4 | 84.6 | 85.0 | 85.0 | 85.0 | 85.0 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.6 | 85.6 |
| GE 7000 | .6 | 75.6 | 81.3 | 85.0 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 |
| GE 6000 | .6 | 75.6 | 81.3 | 85.0 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 |
| GE 5000 | .6 | 75.6 | 81.3 | 85.0 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 |
| GE 4500 | .6 | 75.9 | 81.7 | 85.4 | 85.6 | 85.9 | 85.9 | 85.9 | 85.9 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 |
| GE 4000 | .6 | 77.2 | 83.0 | 86.7 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 |
| GE 3500 | .6 | 77.4 | 83.1 | 86.9 | 87.0 | 87.4 | 87.4 | 87.4 | 87.4 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.0 | 88.0 |
| GE 3000 | .6 | 77.4 | 83.1 | 86.9 | 87.0 | 87.4 | 87.4 | 87.4 | 87.4 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.0 | 88.0 |
| GE 2500 | .6 | 77.6 | 83.3 | 87.0 | 87.2 | 87.6 | 87.8 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.3 | 88.3 |
| GE 2000 | .6 | 78.1 | 83.9 | 87.6 | 87.8 | 88.1 | 88.3 | 88.3 | 88.3 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 |
| GE 1800 | .6 | 78.1 | 83.9 | 87.6 | 87.8 | 88.1 | 88.3 | 88.3 | 88.3 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 |
| GE 1500 | .6 | 78.3 | 84.1 | 87.8 | 88.0 | 88.3 | 88.5 | 88.5 | 88.5 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.1 | 89.1 |
| GE 1200 | .6 | 78.5 | 84.3 | 88.3 | 88.5 | 88.9 | 89.1 | 89.1 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 |
| GE 1000 | .6 | 78.9 | 84.6 | 88.9 | 89.1 | 89.4 | 89.6 | 89.6 | 89.6 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 |
| GE 900 | .6 | 79.6 | 85.6 | 89.8 | 90.4 | 90.7 | 90.9 | 90.9 | 90.9 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 |
| GE 800 | .6 | 79.8 | 85.7 | 90.0 | 90.6 | 90.9 | 91.1 | 91.1 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 |
| GE 700 | .6 | 80.6 | 86.5 | 90.7 | 91.5 | 91.9 | 92.0 | 92.0 | 92.0 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 |
| GE 600 | .6 | 81.5 | 87.8 | 92.0 | 92.8 | 93.1 | 93.3 | 93.3 | 93.3 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 |
| GE 500 | .6 | 82.2 | 88.5 | 92.8 | 93.7 | 94.1 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 |
| GE 400 | .6 | 83.1 | 89.6 | 93.9 | 95.0 | 95.4 | 95.9 | 95.9 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 |
| GE 300 | .6 | 84.1 | 90.6 | 95.0 | 96.7 | 97.0 | 97.6 | 97.6 | 97.6 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 |
| GE 200 | .6 | 84.1 | 90.6 | 95.0 | 96.7 | 97.0 | 97.6 | 98.1 | 98.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.8 | 99.8 |
| GE 100 | .6 | 84.1 | 90.6 | 95.0 | 96.7 | 97.0 | 97.6 | 98.1 | 98.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 |
| GE 0 | .6 | 84.1 | 90.6 | 95.0 | 96.7 | 97.0 | 97.6 | 98.1 | 98.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: SEP HOURS(LST): 0300-0500

| CEILING IN FEET | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | .5 | 48.8 | 56.3 | 60.7 | 63.2 | 63.8 | 65.0 | 65.1 | 65.1 | 65.5 | 65.6 | 65.6 | 66.1 | 66.3 | 66.4 | 66.4 |
| GE 20000 | | .5 | 51.2 | 59.9 | 65.3 | 68.1 | 68.7 | 69.9 | 70.0 | 70.0 | 70.4 | 70.5 | 70.5 | 71.0 | 71.2 | 71.4 | 71.4 |
| GE 18000 | | .5 | 51.2 | 59.9 | 65.3 | 68.1 | 68.7 | 69.9 | 70.0 | 70.0 | 70.4 | 70.5 | 70.5 | 71.0 | 71.2 | 71.4 | 71.4 |
| GE 16000 | | .5 | 51.2 | 59.9 | 65.3 | 68.1 | 68.7 | 69.9 | 70.0 | 70.0 | 70.4 | 70.5 | 70.5 | 71.0 | 71.2 | 71.4 | 71.4 |
| GE 14000 | | .5 | 51.2 | 59.9 | 65.3 | 68.1 | 68.7 | 69.9 | 70.0 | 70.0 | 70.4 | 70.5 | 70.5 | 71.0 | 71.2 | 71.4 | 71.4 |
| GE 12000 | | .5 | 52.9 | 61.7 | 67.1 | 69.9 | 70.5 | 71.7 | 71.8 | 71.8 | 72.2 | 72.3 | 72.3 | 72.8 | 73.0 | 73.2 | 73.2 |
| GE 10000 | | .5 | 55.2 | 64.5 | 70.0 | 72.8 | 73.5 | 74.6 | 74.8 | 74.8 | 75.1 | 75.3 | 75.3 | 75.8 | 75.9 | 76.1 | 76.1 |
| GE 9000 | | .5 | 55.8 | 65.1 | 70.7 | 73.5 | 74.1 | 75.3 | 75.5 | 75.5 | 75.8 | 75.9 | 75.9 | 76.4 | 76.6 | 76.8 | 76.8 |
| GE 8000 | | .5 | 57.0 | 66.6 | 72.3 | 75.1 | 75.8 | 77.1 | 77.3 | 77.3 | 77.6 | 77.7 | 77.7 | 78.2 | 78.4 | 78.6 | 78.6 |
| GE 7000 | | .5 | 57.1 | 66.9 | 72.7 | 75.5 | 76.1 | 77.4 | 77.6 | 77.6 | 77.9 | 78.1 | 78.1 | 78.6 | 78.7 | 78.9 | 78.9 |
| GE 6000 | | .5 | 57.1 | 66.9 | 72.7 | 75.5 | 76.1 | 77.4 | 77.6 | 77.6 | 77.9 | 78.1 | 78.1 | 78.6 | 78.7 | 78.9 | 78.9 |
| GE 5000 | | .5 | 57.3 | 67.3 | 73.0 | 75.8 | 76.4 | 77.7 | 77.9 | 77.9 | 78.2 | 78.4 | 78.4 | 78.9 | 79.1 | 79.2 | 79.2 |
| GE 4500 | | .5 | 57.4 | 67.4 | 73.2 | 75.9 | 76.6 | 77.9 | 78.1 | 78.1 | 78.4 | 78.6 | 78.6 | 79.1 | 79.2 | 79.4 | 79.4 |
| GE 4000 | | .5 | 58.8 | 69.1 | 75.1 | 77.9 | 78.6 | 79.9 | 80.0 | 80.0 | 80.4 | 80.5 | 80.5 | 81.0 | 81.2 | 81.3 | 81.3 |
| GE 3500 | | .5 | 59.1 | 69.4 | 75.5 | 78.2 | 78.9 | 80.2 | 80.4 | 80.4 | 80.7 | 80.9 | 80.9 | 81.3 | 81.5 | 81.7 | 81.7 |
| GE 3000 | | .5 | 59.6 | 69.9 | 75.9 | 78.9 | 79.5 | 80.9 | 81.0 | 81.0 | 81.3 | 81.5 | 81.5 | 82.0 | 82.2 | 82.3 | 82.3 |
| GE 2500 | | .5 | 59.6 | 69.9 | 76.1 | 79.1 | 79.7 | 81.0 | 81.2 | 81.2 | 81.5 | 81.7 | 81.7 | 82.2 | 82.3 | 82.5 | 82.5 |
| GE 2000 | | .5 | 59.7 | 70.0 | 76.3 | 79.2 | 79.9 | 81.2 | 81.3 | 81.3 | 81.7 | 81.8 | 81.8 | 82.3 | 82.5 | 82.7 | 82.7 |
| GE 1800 | | .5 | 59.7 | 70.0 | 76.4 | 79.4 | 80.0 | 81.3 | 81.5 | 81.5 | 81.8 | 82.0 | 82.0 | 82.5 | 82.7 | 82.8 | 82.8 |
| GE 1500 | | .5 | 60.2 | 70.5 | 76.9 | 79.9 | 80.5 | 82.0 | 82.2 | 82.2 | 82.7 | 82.8 | 82.8 | 83.3 | 83.5 | 83.6 | 83.6 |
| GE 1200 | | .5 | 60.9 | 71.2 | 77.6 | 80.7 | 81.3 | 82.8 | 83.0 | 83.0 | 83.5 | 83.6 | 83.6 | 84.1 | 84.3 | 84.5 | 84.5 |
| GE 1000 | | .5 | 61.4 | 71.7 | 78.2 | 81.3 | 82.0 | 83.5 | 83.8 | 83.8 | 84.3 | 84.5 | 84.5 | 84.9 | 85.1 | 85.3 | 85.3 |
| GE 900 | | .5 | 61.5 | 72.2 | 78.7 | 81.8 | 82.5 | 84.0 | 84.3 | 84.3 | 84.8 | 84.9 | 84.9 | 85.4 | 85.6 | 85.8 | 85.8 |
| GE 800 | | .5 | 62.7 | 73.5 | 80.0 | 83.1 | 83.8 | 85.3 | 85.6 | 85.6 | 86.1 | 86.3 | 86.3 | 86.7 | 86.9 | 87.1 | 87.1 |
| GE 700 | | .5 | 63.2 | 74.0 | 80.7 | 83.8 | 84.6 | 86.1 | 86.4 | 86.4 | 86.9 | 87.1 | 87.1 | 87.6 | 87.7 | 87.9 | 87.9 |
| GE 600 | | .5 | 64.6 | 75.6 | 82.5 | 85.6 | 86.4 | 87.9 | 88.2 | 88.2 | 88.7 | 88.9 | 88.9 | 89.4 | 89.5 | 89.7 | 89.7 |
| GE 500 | | .5 | 65.5 | 76.8 | 83.6 | 87.2 | 88.2 | 89.7 | 90.0 | 90.2 | 90.8 | 91.0 | 91.0 | 91.5 | 91.7 | 91.8 | 91.8 |
| GE 400 | | .5 | 65.8 | 77.4 | 84.8 | 88.7 | 89.7 | 91.7 | 92.3 | 92.5 | 93.3 | 93.5 | 93.5 | 93.9 | 94.1 | 94.3 | 94.3 |
| GE 300 | | .5 | 66.0 | 77.9 | 85.9 | 90.0 | 91.0 | 93.5 | 94.4 | 94.8 | 95.7 | 96.2 | 96.2 | 96.7 | 96.9 | 97.1 | 97.2 |
| GE 200 | | .5 | 66.0 | 77.9 | 86.1 | 90.5 | 91.5 | 93.9 | 95.4 | 95.7 | 96.7 | 97.5 | 97.5 | 98.4 | 98.7 | 99.0 | 99.5 |
| GE 100 | | .5 | 66.0 | 77.9 | 86.1 | 90.5 | 91.5 | 93.9 | 95.4 | 95.7 | 96.7 | 97.5 | 97.5 | 98.4 | 98.9 | 99.3 | 100.0 |
| GE 0 | | .5 | 66.0 | 77.9 | 86.1 | 90.5 | 91.5 | 93.9 | 95.4 | 95.7 | 96.7 | 97.5 | 97.5 | 98.4 | 98.9 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .2 | 37.1 | 43.9 | 50.4 | 54.5 | 55.3 | 56.3 | 56.9 | 57.2 | 57.4 | 57.6 | 57.6 | 57.6 | 57.7 | 58.7 | 59.5 |
| GE 20000 | .2 | 38.6 | 45.5 | 52.7 | 57.2 | 58.0 | 59.2 | 59.8 | 60.2 | 60.4 | 60.7 | 60.9 | 60.9 | 61.1 | 61.9 | 62.7 |
| GE 18000 | .2 | 38.6 | 45.6 | 52.9 | 57.5 | 58.2 | 59.5 | 60.1 | 60.4 | 60.7 | 60.9 | 60.9 | 61.1 | 61.2 | 62.2 | 62.9 |
| GE 16000 | .2 | 38.6 | 45.7 | 53.1 | 57.6 | 58.4 | 59.6 | 60.2 | 60.6 | 60.8 | 61.1 | 61.1 | 61.2 | 61.3 | 62.3 | 63.0 |
| GE 14000 | .2 | 38.6 | 45.8 | 53.2 | 57.7 | 58.6 | 59.8 | 60.4 | 60.8 | 61.1 | 61.3 | 61.3 | 61.4 | 61.5 | 62.5 | 63.3 |
| GE 12000 | .2 | 40.2 | 47.7 | 55.4 | 60.6 | 61.4 | 62.7 | 63.3 | 63.6 | 63.9 | 64.1 | 64.1 | 64.3 | 64.4 | 65.4 | 66.1 |
| GE 10000 | .2 | 43.0 | 51.0 | 59.1 | 64.4 | 65.4 | 66.7 | 67.3 | 67.7 | 67.9 | 68.2 | 68.2 | 68.3 | 68.6 | 69.7 | 70.4 |
| GE 9000 | .2 | 43.9 | 52.3 | 60.4 | 65.8 | 66.8 | 68.2 | 68.9 | 69.3 | 69.5 | 69.8 | 69.8 | 69.9 | 70.1 | 71.3 | 72.0 |
| GE 8000 | .2 | 45.7 | 54.7 | 62.8 | 68.2 | 69.2 | 70.5 | 71.3 | 71.6 | 71.9 | 72.1 | 72.1 | 72.2 | 72.5 | 73.6 | 74.3 |
| GE 7000 | .2 | 46.7 | 55.7 | 63.9 | 69.3 | 70.3 | 71.6 | 72.4 | 72.7 | 73.0 | 73.2 | 73.2 | 73.3 | 73.6 | 74.7 | 75.4 |
| GE 6000 | .2 | 46.8 | 55.8 | 64.1 | 69.5 | 70.5 | 71.9 | 72.6 | 73.0 | 73.2 | 73.5 | 73.5 | 73.6 | 73.8 | 74.9 | 75.7 |
| GE 5000 | .2 | 47.3 | 56.4 | 65.0 | 70.5 | 71.6 | 73.1 | 73.8 | 74.2 | 74.4 | 74.7 | 74.7 | 74.8 | 75.1 | 76.2 | 76.9 |
| GE 4500 | .2 | 47.3 | 56.5 | 65.1 | 70.6 | 71.7 | 73.3 | 74.1 | 74.4 | 74.7 | 74.9 | 74.9 | 75.1 | 75.3 | 76.4 | 77.1 |
| GE 4000 | .2 | 47.9 | 57.2 | 66.0 | 71.6 | 72.7 | 74.4 | 75.2 | 75.6 | 75.8 | 76.0 | 76.0 | 76.2 | 76.4 | 77.5 | 78.3 |
| GE 3500 | .2 | 47.9 | 57.2 | 66.1 | 71.7 | 72.9 | 74.7 | 75.4 | 75.8 | 76.0 | 76.3 | 76.3 | 76.4 | 76.7 | 77.8 | 78.5 |
| GE 3000 | .2 | 48.2 | 57.7 | 66.8 | 72.6 | 73.7 | 75.6 | 76.4 | 76.8 | 77.0 | 77.3 | 77.3 | 77.4 | 77.6 | 78.7 | 79.5 |
| GE 2500 | .2 | 48.4 | 58.0 | 67.2 | 73.0 | 74.1 | 75.9 | 76.8 | 77.1 | 77.4 | 77.6 | 77.6 | 77.8 | 78.0 | 79.1 | 79.9 |
| GE 2000 | .2 | 49.0 | 58.7 | 68.2 | 74.7 | 75.1 | 77.0 | 78.1 | 78.5 | 78.7 | 79.0 | 79.0 | 79.1 | 79.4 | 80.5 | 81.2 |
| GE 1800 | .2 | 49.1 | 59.0 | 68.4 | 74.2 | 75.3 | 77.3 | 78.4 | 78.7 | 79.0 | 79.2 | 79.2 | 79.4 | 79.6 | 80.7 | 81.4 |
| GE 1500 | .2 | 49.4 | 59.2 | 68.9 | 74.8 | 75.9 | 77.9 | 79.0 | 79.4 | 79.6 | 79.9 | 79.9 | 80.0 | 80.2 | 81.3 | 82.1 |
| GE 1200 | .2 | 49.9 | 59.7 | 69.5 | 75.6 | 76.8 | 78.7 | 79.9 | 80.2 | 80.5 | 80.7 | 80.7 | 80.8 | 81.1 | 82.2 | 82.9 |
| GE 1000 | .2 | 50.1 | 60.2 | 70.1 | 76.4 | 77.8 | 79.9 | 81.2 | 81.6 | 81.8 | 82.1 | 82.1 | 82.2 | 82.4 | 83.5 | 84.3 |
| GE 900 | .2 | 50.2 | 60.4 | 70.9 | 77.5 | 78.9 | 81.0 | 82.3 | 82.7 | 82.9 | 83.2 | 83.2 | 83.3 | 83.5 | 84.6 | 85.4 |
| GE 800 | .2 | 51.1 | 61.5 | 72.0 | 78.7 | 80.2 | 82.4 | 83.9 | 84.3 | 84.5 | 84.8 | 84.8 | 84.9 | 85.1 | 86.2 | 87.0 |
| GE 700 | .2 | 51.6 | 62.2 | 72.7 | 79.6 | 81.1 | 83.3 | 84.8 | 85.1 | 85.4 | 85.6 | 85.6 | 85.9 | 86.1 | 87.2 | 88.0 |
| GE 600 | .2 | 52.0 | 62.5 | 73.7 | 80.8 | 82.3 | 84.6 | 86.5 | 87.0 | 87.2 | 87.5 | 87.5 | 87.7 | 88.0 | 89.1 | 89.8 |
| GE 500 | .2 | 52.2 | 62.9 | 74.3 | 82.1 | 83.8 | 86.1 | 88.1 | 88.6 | 88.8 | 89.2 | 89.2 | 89.4 | 89.7 | 90.9 | 91.6 |
| GE 400 | .2 | 52.5 | 63.3 | 75.1 | 83.3 | 85.1 | 87.5 | 89.7 | 90.2 | 90.9 | 91.3 | 91.4 | 91.6 | 91.9 | 93.1 | 93.9 |
| GE 300 | .2 | 52.5 | 63.3 | 75.1 | 83.7 | 85.5 | 88.3 | 90.9 | 91.4 | 92.6 | 93.1 | 93.4 | 94.0 | 94.2 | 95.5 | 96.3 |
| GE 200 | .2 | 52.5 | 63.3 | 75.1 | 83.8 | 85.6 | 88.6 | 91.4 | 92.0 | 93.7 | 94.5 | 94.8 | 96.1 | 96.3 | 97.8 | 98.8 |
| GE 100 | .2 | 52.5 | 63.3 | 75.1 | 83.8 | 85.6 | 88.6 | 91.4 | 92.0 | 93.9 | 94.7 | 95.1 | 96.4 | 96.7 | 98.6 | 100.0 |
| GE 0 | .2 | 52.5 | 63.3 | 75.1 | 83.8 | 85.6 | 88.6 | 91.4 | 92.0 | 93.9 | 94.7 | 95.1 | 96.4 | 96.7 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .4 | 57.3 | 60.1 | 60.4 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| GE 20000 | .4 | 62.1 | 65.7 | 66.1 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 18000 | .4 | 62.1 | 65.7 | 66.1 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 16000 | .4 | 62.1 | 65.7 | 66.1 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 14000 | .4 | 62.3 | 65.9 | 66.3 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| GE 12000 | .4 | 64.2 | 68.1 | 68.6 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| GE 10000 | .4 | 67.9 | 72.4 | 72.9 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 9000 | .4 | 68.3 | 72.9 | 73.4 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 8000 | .4 | 71.4 | 76.4 | 77.3 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 7000 | .4 | 72.2 | 77.2 | 78.0 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE 6000 | .4 | 72.2 | 77.2 | 78.0 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 5000 | .4 | 72.4 | 77.4 | 78.3 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| GE 4500 | .4 | 72.4 | 77.4 | 78.3 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 4000 | .4 | 73.1 | 78.1 | 79.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 3500 | .4 | 73.6 | 78.6 | 79.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 |
| GE 3000 | .4 | 76.4 | 81.7 | 82.8 | 84.0 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 2500 | .4 | 77.5 | 82.8 | 83.9 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 2000 | .4 | 79.2 | 84.5 | 85.6 | 86.8 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 1800 | .4 | 79.9 | 85.1 | 86.2 | 87.4 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 1500 | .4 | 82.3 | 88.0 | 89.1 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 1200 | .4 | 83.4 | 89.4 | 90.8 | 92.3 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 1000 | .4 | 84.7 | 91.0 | 92.8 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 900 | .4 | 85.0 | 91.5 | 93.4 | 95.0 | 95.2 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 800 | .4 | 85.6 | 92.1 | 94.0 | 96.0 | 96.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 700 | .4 | 85.6 | 92.2 | 94.5 | 96.7 | 96.9 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 600 | .4 | 85.6 | 92.6 | 94.9 | 97.3 | 97.6 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 500 | .4 | 85.7 | 92.9 | 95.6 | 98.0 | 98.3 | 98.7 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 400 | .4 | 85.7 | 92.9 | 95.6 | 98.2 | 98.4 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 300 | .4 | 85.7 | 92.9 | 95.6 | 98.2 | 98.4 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | .4 | 85.7 | 92.9 | 95.6 | 98.2 | 98.4 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .4 | 85.7 | 92.9 | 95.6 | 98.2 | 98.4 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | .4 | 85.7 | 92.9 | 95.6 | 98.2 | 98.4 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .4 | 53.1 | 55.7 | 55.8 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| GE 20000 | .4 | 62.8 | 65.4 | 65.6 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| GE 18000 | .4 | 63.0 | 65.6 | 65.9 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| GE 16000 | .4 | 63.0 | 65.6 | 65.9 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| GE 14000 | .4 | 63.4 | 66.1 | 66.4 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| GE 12000 | .4 | 66.1 | 69.1 | 69.4 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 10000 | .4 | 69.6 | 73.0 | 73.4 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 9000 | .4 | 69.6 | 73.0 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 8000 | .4 | 73.0 | 76.8 | 77.5 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| GE 7000 | .4 | 73.7 | 77.5 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE 6000 | .4 | 73.9 | 77.8 | 78.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| GE 5000 | .4 | 74.7 | 78.7 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| GE 4500 | .4 | 75.3 | 79.5 | 80.3 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 4000 | .4 | 76.3 | 80.8 | 81.5 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 3500 | .4 | 78.3 | 82.8 | 83.7 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 3000 | .4 | 84.4 | 88.8 | 89.8 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 2500 | .4 | 86.2 | 90.8 | 91.8 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 2000 | .4 | 88.2 | 93.2 | 94.4 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 1800 | .4 | 88.3 | 93.4 | 94.7 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 1500 | .4 | 88.6 | 93.7 | 95.0 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 1200 | .4 | 89.0 | 94.2 | 95.5 | 96.5 | 96.5 | 97.0 | 97.0 | 97.0 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 1000 | .4 | 89.6 | 94.8 | 96.4 | 97.5 | 97.5 | 98.1 | 98.1 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 900 | .4 | 89.6 | 94.8 | 96.4 | 97.6 | 97.6 | 98.3 | 98.3 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 800 | .4 | 89.6 | 94.8 | 96.4 | 97.6 | 97.6 | 98.6 | 98.6 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 700 | .4 | 89.7 | 94.9 | 96.5 | 97.8 | 97.8 | 98.8 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 600 | .4 | 89.8 | 95.2 | 96.8 | 98.0 | 98.0 | 99.1 | 99.3 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | .4 | 89.8 | 95.2 | 96.8 | 98.0 | 98.0 | 99.1 | 99.3 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | .4 | 90.0 | 95.3 | 96.9 | 98.1 | 98.1 | 99.3 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | .4 | 90.0 | 95.3 | 96.9 | 98.1 | 98.1 | 99.3 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | .4 | 90.0 | 95.3 | 96.9 | 98.1 | 98.1 | 99.3 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .4 | 90.0 | 95.3 | 96.9 | 98.1 | 98.1 | 99.3 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | .4 | 90.0 | 95.3 | 96.9 | 98.1 | 98.1 | 99.3 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | 53.7 | 55.5 | 55.9 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| GE 20000 | 70.1 | 72.4 | 72.7 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| GE 18000 | 70.5 | 72.7 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 16000 | 70.9 | 73.1 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| GE 14000 | 71.0 | 73.2 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 12000 | 72.1 | 74.7 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 10000 | 76.5 | 79.3 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 9000 | 77.1 | 80.1 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 8000 | 79.3 | 82.8 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 7000 | 81.2 | 84.8 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GE 6000 | 81.7 | 85.3 | 86.2 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 5000 | 82.7 | 86.3 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 4500 | 82.8 | 86.7 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 4000 | 83.7 | 87.8 | 88.8 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 3500 | 85.2 | 89.5 | 90.9 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 3000 | 87.9 | 93.2 | 94.5 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 2500 | 88.7 | 94.0 | 95.6 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 2000 | 88.9 | 94.5 | 96.1 | 96.9 | 97.1 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 1800 | 88.9 | 94.5 | 96.1 | 96.9 | 97.1 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 1500 | 89.0 | 94.6 | 96.3 | 97.0 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 1200 | 89.4 | 95.0 | 96.8 | 97.5 | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 1000 | 89.5 | 95.1 | 96.9 | 97.6 | 97.9 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 900 | 89.5 | 95.1 | 96.9 | 97.6 | 97.9 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 800 | 89.5 | 95.1 | 97.0 | 97.8 | 98.0 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 700 | 89.5 | 95.1 | 97.1 | 97.9 | 98.1 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 600 | 89.5 | 95.1 | 97.1 | 98.1 | 98.4 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 500 | 89.5 | 95.1 | 97.1 | 98.1 | 98.4 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| GE 400 | 89.7 | 95.3 | 97.3 | 98.5 | 98.8 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 300 | 89.7 | 95.3 | 97.3 | 98.5 | 98.8 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 200 | 89.7 | 95.3 | 97.3 | 98.5 | 98.8 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | 89.7 | 95.3 | 97.3 | 98.5 | 98.8 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 0 | 89.7 | 95.3 | 97.3 | 98.5 | 98.8 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 59.0 | 61.2 | 62.1 | 62.4 | 62.5 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 20000 | | 71.4 | 74.4 | 75.4 | 75.7 | 75.8 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 18000 | | 71.8 | 74.8 | 75.8 | 76.0 | 76.2 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 16000 | | 71.8 | 74.8 | 75.8 | 76.0 | 76.2 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 14000 | | 72.0 | 75.3 | 76.3 | 76.7 | 76.8 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 12000 | | 73.1 | 77.0 | 78.0 | 78.4 | 78.5 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| GE 10000 | | 77.0 | 81.2 | 82.6 | 82.9 | 83.1 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 9000 | | 77.4 | 81.7 | 83.1 | 83.4 | 83.6 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 8000 | | 79.2 | 83.6 | 84.9 | 85.3 | 85.4 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GE 7000 | | 81.1 | 85.6 | 87.0 | 87.3 | 87.5 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 6000 | | 81.2 | 85.7 | 87.1 | 87.5 | 87.6 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 5000 | | 82.7 | 87.2 | 88.6 | 89.0 | 89.1 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 4500 | | 83.2 | 88.0 | 89.3 | 89.7 | 89.8 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 4000 | | 83.6 | 88.7 | 90.1 | 90.6 | 90.7 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 3500 | | 84.6 | 90.0 | 91.3 | 91.8 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 3000 | | 86.1 | 91.7 | 93.2 | 93.9 | 94.0 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 2500 | | 86.8 | 92.5 | 94.2 | 95.0 | 95.2 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 2000 | | 87.3 | 93.0 | 94.9 | 95.9 | 96.1 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 1800 | | 87.3 | 93.0 | 94.9 | 95.9 | 96.1 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 1500 | | 87.3 | 93.0 | 94.9 | 95.9 | 96.1 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 1200 | | 87.8 | 93.5 | 95.4 | 96.4 | 96.6 | 97.4 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 1000 | | 88.0 | 93.6 | 95.5 | 96.6 | 96.9 | 97.7 | 97.7 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 900 | | 88.0 | 93.6 | 95.5 | 96.6 | 96.9 | 97.9 | 98.0 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 800 | | 88.0 | 93.7 | 95.7 | 96.9 | 97.1 | 98.1 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 700 | | 88.0 | 93.7 | 96.0 | 97.1 | 97.5 | 98.5 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 600 | | 88.0 | 93.7 | 96.0 | 97.1 | 97.5 | 98.5 | 98.7 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 500 | | 88.1 | 93.9 | 96.1 | 97.5 | 97.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 400 | | 88.1 | 93.9 | 96.1 | 97.6 | 98.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | | 88.1 | 93.9 | 96.1 | 97.6 | 98.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | | 88.1 | 93.9 | 96.1 | 97.6 | 98.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | | 88.1 | 93.9 | 96.1 | 97.6 | 98.0 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 0 | | 88.1 | 94.0 | 96.2 | 97.7 | 98.1 | 99.1 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: SEP HOURS(IST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 1 | .2 | 72.5 | 74.7 | 75.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.2 |
| GE 20000 | 1 | .2 | 80.0 | 82.5 | 83.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 |
| GE 18000 | 1 | .2 | 80.0 | 82.5 | 83.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 |
| GE 16000 | 1 | .2 | 80.2 | 82.7 | 84.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 |
| GE 14000 | 1 | .2 | 80.2 | 82.7 | 84.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 |
| GE 12000 | 1 | .2 | 81.5 | 84.0 | 85.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.7 |
| GE 10000 | 1 | .2 | 82.7 | 85.2 | 86.5 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 |
| GE 9000 | 1 | .2 | 83.2 | 85.7 | 87.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 |
| GE 8000 | 1 | .2 | 84.0 | 86.5 | 87.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.2 |
| GE 7000 | 1 | .2 | 84.5 | 87.0 | 88.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.7 |
| GE 6000 | 1 | .2 | 85.0 | 87.5 | 88.8 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.2 |
| GE 5000 | 1 | .2 | 85.7 | 88.2 | 89.5 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 |
| GE 4500 | 1 | .2 | 86.2 | 88.8 | 90.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.7 |
| GE 4000 | 1 | .2 | 87.7 | 90.8 | 92.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.7 |
| GE 3500 | 1 | .2 | 87.8 | 91.0 | 92.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 |
| GE 3000 | 1 | .2 | 88.5 | 92.0 | 93.5 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.2 |
| GE 2500 | 1 | .2 | 88.8 | 92.7 | 94.2 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.2 |
| GE 2000 | 1 | .2 | 89.3 | 93.2 | 94.7 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| GE 1800 | 1 | .2 | 89.3 | 93.2 | 94.7 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| GE 1500 | 1 | .2 | 89.3 | 93.2 | 94.7 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 |
| GE 1200 | 1 | .2 | 89.7 | 93.5 | 95.0 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.0 |
| GE 1000 | 1 | .2 | 89.8 | 93.7 | 95.3 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 |
| GE 900 | 1 | .2 | 90.0 | 93.8 | 95.5 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.5 |
| GE 800 | 1 | .2 | 90.3 | 94.2 | 96.0 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 |
| GE 700 | 1 | .2 | 90.5 | 94.3 | 96.2 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 |
| GE 600 | 1 | .2 | 90.5 | 94.3 | 96.7 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 |
| GE 500 | 1 | .2 | 90.7 | 94.5 | 96.8 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 |
| GE 400 | 1 | .2 | 90.8 | 94.7 | 97.0 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.3 |
| GE 300 | 1 | .2 | 90.8 | 94.7 | 97.0 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.5 |
| GE 200 | 1 | .2 | 90.8 | 94.8 | 97.2 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.8 |
| GE 100 | 1 | .2 | 90.8 | 94.8 | 97.2 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 |
| GE 0 | 1 | .2 | 90.8 | 94.8 | 97.2 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .3 | 55.0 | 58.6 | 60.7 | 61.8 | 62.1 | 62.4 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.9 | 63.1 |
| GE 20000 | .3 | 62.7 | 66.8 | 69.2 | 70.4 | 70.6 | 71.0 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.6 | 71.7 |
| GE 18000 | .3 | 62.8 | 67.0 | 69.3 | 70.6 | 70.8 | 71.2 | 71.3 | 71.3 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.8 | 71.9 |
| GE 16000 | .3 | 62.9 | 67.1 | 69.5 | 70.7 | 71.0 | 71.3 | 71.4 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.9 | 72.0 |
| GE 14000 | .3 | 63.0 | 67.3 | 69.7 | 71.0 | 71.2 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.2 | 72.3 |
| GE 12000 | .3 | 64.7 | 69.3 | 71.7 | 73.1 | 73.3 | 73.7 | 73.8 | 73.8 | 73.9 | 74.0 | 74.0 | 74.0 | 74.1 | 74.1 | 74.3 | 74.4 |
| GE 10000 | .3 | 67.8 | 72.6 | 75.3 | 76.7 | 76.9 | 77.3 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.8 | 77.9 | 78.1 |
| GE 9000 | .3 | 68.3 | 73.3 | 75.9 | 77.3 | 77.6 | 78.0 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.6 | 78.7 |
| GE 8000 | .3 | 70.3 | 75.7 | 78.5 | 79.8 | 80.1 | 80.5 | 80.6 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.9 | 81.0 | 81.2 | 81.3 |
| GE 7000 | .3 | 71.3 | 76.7 | 79.5 | 80.9 | 81.2 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 | 82.2 | 82.3 |
| GE 6000 | .3 | 71.5 | 76.9 | 79.7 | 81.1 | 81.4 | 81.8 | 81.9 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 | 82.3 | 82.5 | 82.6 |
| GE 5000 | .3 | 72.1 | 77.6 | 80.4 | 81.9 | 82.2 | 82.6 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.2 | 83.4 |
| GE 4500 | .3 | 72.4 | 78.0 | 80.9 | 82.3 | 82.6 | 83.1 | 83.2 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.7 | 83.8 |
| GE 4000 | .3 | 73.3 | 79.2 | 82.1 | 83.6 | 84.0 | 84.4 | 84.5 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.9 | 85.0 | 85.2 |
| GE 3500 | .3 | 74.1 | 80.0 | 83.0 | 84.6 | 84.9 | 85.4 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.9 | 86.0 | 86.2 |
| GE 3000 | .3 | 76.0 | 82.2 | 85.4 | 87.0 | 87.3 | 87.8 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.4 | 88.5 | 88.7 |
| GE 2500 | .3 | 76.8 | 83.0 | 86.2 | 88.0 | 88.3 | 88.9 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.4 | 89.6 | 89.7 |
| GE 2000 | .3 | 77.6 | 84.0 | 87.3 | 89.1 | 89.4 | 90.0 | 90.2 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.8 | 90.9 |
| GE 1800 | .3 | 77.7 | 84.1 | 87.4 | 89.2 | 89.6 | 90.2 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.8 | 91.0 | 91.1 |
| GE 1500 | .3 | 78.2 | 84.7 | 88.0 | 89.9 | 90.3 | 90.9 | 91.1 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.7 | 91.8 |
| GE 1200 | .3 | 78.7 | 85.3 | 88.7 | 90.7 | 91.1 | 91.7 | 92.0 | 92.0 | 92.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.6 | 92.7 |
| GE 1000 | .3 | 79.2 | 85.8 | 89.4 | 91.5 | 91.8 | 92.6 | 92.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.4 | 93.6 | 93.7 |
| GE 900 | .3 | 79.3 | 86.0 | 89.8 | 91.9 | 92.3 | 93.1 | 93.4 | 93.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 94.1 | 94.2 |
| GE 800 | .3 | 79.7 | 86.5 | 90.3 | 92.5 | 92.9 | 93.7 | 94.1 | 94.2 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.8 | 94.9 |
| GE 700 | .3 | 79.9 | 86.7 | 90.7 | 92.9 | 93.4 | 94.2 | 94.6 | 94.7 | 94.9 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.3 | 95.4 |
| GE 600 | .3 | 80.2 | 87.2 | 91.2 | 93.6 | 94.1 | 95.0 | 95.4 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 96.0 | 96.2 | 96.3 |
| GE 500 | .3 | 80.5 | 87.5 | 91.7 | 94.2 | 94.7 | 95.6 | 96.1 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 | 96.8 | 97.0 | 97.1 |
| GE 400 | .3 | 80.7 | 87.8 | 92.0 | 94.8 | 95.4 | 96.3 | 97.0 | 97.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.7 | 97.8 | 98.0 | 98.1 |
| GE 300 | .3 | 80.8 | 87.9 | 92.3 | 95.2 | 95.7 | 96.8 | 97.5 | 97.7 | 98.2 | 98.4 | 98.4 | 98.4 | 98.6 | 98.7 | 98.9 | 99.0 |
| GE 200 | .3 | 80.8 | 87.9 | 92.3 | 95.3 | 95.8 | 96.9 | 97.8 | 98.0 | 98.5 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 | 99.5 | 99.7 |
| GE 100 | .3 | 80.8 | 87.9 | 92.3 | 95.3 | 95.8 | 96.9 | 97.8 | 98.0 | 98.6 | 98.8 | 98.8 | 98.9 | 99.2 | 99.3 | 99.7 | 100.0 |
| GE 0 | .3 | 80.8 | 87.9 | 92.3 | 95.3 | 95.8 | 96.9 | 97.8 | 98.0 | 98.6 | 98.8 | 98.8 | 98.9 | 99.2 | 99.3 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 5790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: OCT HOURS(IST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | 51.4 | 54.8 | 55.9 | 56.4 | 57.0 | 57.0 | 57.5 | 57.7 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 57.9 | 57.9 |
| GE 20000 | | 54.5 | 57.9 | 59.5 | 60.9 | 61.1 | 61.1 | 61.6 | 61.8 | 61.8 | 61.9 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 |
| GE 18000 | | 54.5 | 57.9 | 59.5 | 60.9 | 61.1 | 61.1 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 |
| GE 16000 | | 54.5 | 57.9 | 59.5 | 60.9 | 61.1 | 61.1 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 |
| GE 14000 | | 55.0 | 58.4 | 60.0 | 61.5 | 61.6 | 61.6 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 |
| GE 12000 | | 55.6 | 59.0 | 60.6 | 62.0 | 62.2 | 62.2 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 10000 | | 58.2 | 61.8 | 63.4 | 64.9 | 65.1 | 65.1 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 9000 | | 58.2 | 61.8 | 63.4 | 64.9 | 65.1 | 65.1 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 8000 | | 60.4 | 64.3 | 66.3 | 68.1 | 68.3 | 68.3 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 |
| GE 7000 | | 61.5 | 65.4 | 67.4 | 69.2 | 69.4 | 69.4 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 |
| GE 6000 | | 62.0 | 65.9 | 67.9 | 69.7 | 69.9 | 69.9 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 |
| GE 5000 | | 62.7 | 67.0 | 69.0 | 70.8 | 71.0 | 71.0 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 4500 | | 63.8 | 68.1 | 70.1 | 71.9 | 72.0 | 72.0 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 4000 | | 64.3 | 68.6 | 70.6 | 72.4 | 72.6 | 72.6 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 3500 | | 64.7 | 69.2 | 71.1 | 72.9 | 73.1 | 73.1 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 3000 | | 65.6 | 70.3 | 72.2 | 74.0 | 74.2 | 74.2 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.3 | 75.3 |
| GE 2500 | | 66.3 | 71.0 | 72.9 | 74.7 | 74.9 | 74.9 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 76.0 | 76.0 |
| GE 2000 | | 66.8 | 71.7 | 73.7 | 75.4 | 75.6 | 75.6 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.5 | 76.5 | 76.7 | 76.7 |
| GE 1800 | | 66.8 | 71.7 | 73.7 | 75.4 | 75.6 | 75.6 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.5 | 76.5 | 76.7 | 76.7 |
| GE 1500 | | 67.4 | 72.6 | 74.6 | 76.7 | 76.9 | 76.9 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.8 | 77.8 | 78.0 | 78.0 |
| GE 1200 | | 68.5 | 74.4 | 76.7 | 79.0 | 79.2 | 79.2 | 79.7 | 80.1 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.5 | 80.5 |
| GE 1000 | | 68.8 | 75.3 | 77.8 | 80.5 | 80.6 | 81.0 | 81.5 | 81.9 | 81.9 | 81.9 | 81.9 | 82.1 | 82.1 | 82.3 | 82.3 |
| GE 900 | | 69.0 | 76.0 | 78.5 | 81.2 | 81.4 | 81.7 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.8 | 82.8 | 83.0 | 83.0 |
| GE 800 | | 69.9 | 77.4 | 80.3 | 83.2 | 83.3 | 83.7 | 84.2 | 84.6 | 84.6 | 84.6 | 84.6 | 84.8 | 84.8 | 84.9 | 84.9 |
| GE 700 | | 71.3 | 79.2 | 82.4 | 85.3 | 85.5 | 85.8 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.9 | 86.9 | 87.1 | 87.1 |
| GE 600 | | 72.8 | 81.4 | 84.6 | 88.0 | 88.2 | 88.5 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.8 | 89.8 |
| GE 500 | | 74.2 | 82.8 | 86.0 | 90.0 | 90.1 | 90.5 | 91.0 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.8 | 91.8 |
| GE 400 | | 75.6 | 84.8 | 88.2 | 92.4 | 93.2 | 93.9 | 94.4 | 94.8 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 |
| GE 300 | | 75.6 | 85.1 | 89.1 | 93.9 | 94.3 | 95.5 | 96.2 | 96.6 | 97.0 | 97.1 | 97.1 | 97.5 | 97.5 | 97.7 | 97.7 |
| GE 200 | | 75.6 | 85.1 | 89.1 | 94.8 | 95.2 | 96.4 | 97.1 | 97.5 | 98.2 | 98.4 | 98.6 | 99.3 | 99.3 | 99.5 | 99.6 |
| GE 100 | | 75.6 | 85.1 | 89.1 | 94.8 | 95.2 | 96.6 | 97.3 | 97.7 | 98.4 | 98.6 | 98.7 | 99.5 | 99.5 | 99.6 | 100.0 |
| GE 01 | | 75.6 | 85.1 | 89.1 | 94.8 | 95.2 | 96.6 | 97.3 | 97.7 | 98.4 | 98.6 | 98.7 | 99.5 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-86
MONTH: OCT HOURS(IST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .2 | 41.3 | 46.1 | 48.4 | 49.7 | 50.0 | 51.0 | 51.3 | 51.3 | 51.8 | 52.1 | 52.1 | 52.1 | 52.1 | 52.6 | 53.2 |
| GE 20000 | .2 | 42.6 | 47.4 | 49.7 | 51.1 | 51.6 | 53.2 | 53.5 | 53.5 | 54.0 | 54.3 | 54.5 | 54.5 | 54.5 | 55.0 | 55.8 |
| GE 18000 | .2 | 42.6 | 47.4 | 49.7 | 51.1 | 51.6 | 53.2 | 53.5 | 53.5 | 54.0 | 54.3 | 54.5 | 54.5 | 54.5 | 55.0 | 55.8 |
| GE 16000 | .2 | 42.6 | 47.4 | 49.7 | 51.1 | 51.6 | 53.2 | 53.5 | 53.5 | 54.0 | 54.3 | 54.5 | 54.5 | 54.5 | 55.0 | 55.8 |
| GE 14000 | .2 | 43.4 | 48.2 | 50.5 | 51.9 | 52.4 | 54.0 | 54.3 | 54.3 | 54.8 | 55.1 | 55.3 | 55.3 | 55.3 | 55.8 | 56.6 |
| GE 12000 | .2 | 43.4 | 48.2 | 50.5 | 51.9 | 52.4 | 54.0 | 54.3 | 54.3 | 54.8 | 55.1 | 55.3 | 55.3 | 55.3 | 55.8 | 56.6 |
| GE 10000 | .2 | 45.0 | 49.8 | 52.1 | 53.5 | 54.0 | 55.6 | 55.9 | 55.9 | 56.4 | 56.8 | 56.9 | 56.9 | 56.9 | 57.4 | 58.2 |
| GE 9000 | .2 | 45.0 | 49.8 | 52.1 | 53.5 | 54.0 | 55.6 | 55.9 | 55.9 | 56.4 | 56.8 | 56.9 | 56.9 | 56.9 | 57.4 | 58.2 |
| GE 8000 | .2 | 46.1 | 51.9 | 54.2 | 55.6 | 56.3 | 57.9 | 58.2 | 58.2 | 58.7 | 59.0 | 59.2 | 59.2 | 59.2 | 59.6 | 60.5 |
| GE 7000 | .2 | 47.4 | 53.2 | 55.5 | 57.1 | 57.6 | 59.2 | 59.5 | 59.5 | 60.0 | 60.3 | 60.5 | 60.5 | 60.5 | 60.9 | 61.7 |
| GE 6000 | .2 | 47.9 | 53.7 | 55.9 | 57.6 | 58.0 | 59.6 | 60.0 | 60.0 | 60.5 | 60.8 | 60.9 | 60.9 | 60.9 | 61.4 | 62.2 |
| GE 5000 | .2 | 48.6 | 54.8 | 57.1 | 58.7 | 59.2 | 60.8 | 61.3 | 61.3 | 61.7 | 62.1 | 62.2 | 62.2 | 62.2 | 62.7 | 63.5 |
| GE 4500 | .2 | 49.5 | 55.8 | 58.0 | 59.6 | 60.1 | 61.7 | 62.2 | 62.2 | 62.7 | 63.0 | 63.2 | 63.2 | 63.2 | 63.7 | 64.5 |
| GE 4000 | .2 | 49.8 | 56.1 | 58.4 | 60.0 | 60.5 | 62.1 | 62.5 | 62.5 | 63.0 | 63.3 | 63.5 | 63.5 | 63.5 | 64.1 | 65.0 |
| GE 3500 | .2 | 51.0 | 57.2 | 59.5 | 61.1 | 61.6 | 63.2 | 63.7 | 63.7 | 64.1 | 64.5 | 64.6 | 64.6 | 64.6 | 65.3 | 66.1 |
| GE 3000 | .2 | 51.8 | 58.0 | 60.3 | 61.9 | 62.4 | 64.0 | 64.6 | 64.6 | 65.1 | 65.4 | 65.6 | 65.8 | 65.8 | 66.4 | 67.2 |
| GE 2500 | .2 | 52.3 | 59.0 | 61.4 | 63.0 | 63.5 | 65.1 | 65.4 | 65.8 | 66.2 | 66.6 | 66.7 | 66.9 | 66.9 | 67.5 | 68.3 |
| GE 2000 | .2 | 53.7 | 60.8 | 63.3 | 65.0 | 65.4 | 67.0 | 67.7 | 67.7 | 68.2 | 68.5 | 68.6 | 68.8 | 68.8 | 69.5 | 70.3 |
| GE 1800 | .2 | 53.7 | 60.8 | 63.3 | 65.1 | 65.6 | 67.2 | 67.8 | 67.8 | 68.3 | 68.6 | 68.8 | 69.0 | 69.0 | 69.6 | 70.6 |
| GE 1500 | .2 | 54.2 | 61.4 | 64.0 | 65.8 | 66.2 | 68.0 | 68.6 | 68.6 | 69.1 | 69.5 | 69.6 | 69.8 | 69.8 | 70.4 | 71.4 |
| GE 1200 | .2 | 54.7 | 62.1 | 64.6 | 66.6 | 67.0 | 68.8 | 69.5 | 69.5 | 69.9 | 70.3 | 70.4 | 70.6 | 70.6 | 71.2 | 72.2 |
| GE 1000 | .2 | 55.1 | 62.7 | 65.6 | 67.5 | 68.0 | 69.9 | 70.6 | 70.6 | 71.1 | 71.4 | 71.5 | 71.7 | 71.7 | 72.3 | 73.3 |
| GE 900 | .2 | 56.1 | 64.3 | 67.4 | 69.3 | 69.8 | 71.7 | 72.3 | 72.3 | 72.8 | 73.2 | 73.3 | 73.5 | 73.5 | 74.1 | 75.1 |
| GE 800 | .2 | 56.8 | 65.1 | 68.5 | 70.4 | 71.1 | 73.2 | 73.8 | 73.8 | 74.3 | 74.8 | 74.9 | 75.1 | 75.1 | 75.7 | 76.7 |
| GE 700 | .2 | 57.6 | 66.7 | 70.7 | 72.7 | 73.3 | 75.7 | 76.4 | 76.4 | 76.8 | 77.3 | 77.5 | 77.7 | 77.7 | 78.3 | 79.3 |
| GE 600 | .2 | 59.5 | 69.3 | 73.8 | 75.9 | 76.5 | 78.9 | 79.6 | 79.6 | 80.1 | 80.5 | 80.7 | 80.9 | 80.9 | 81.5 | 82.5 |
| GE 500 | .2 | 60.6 | 71.7 | 77.5 | 80.7 | 81.4 | 83.9 | 84.6 | 84.6 | 85.0 | 85.5 | 85.7 | 85.9 | 85.9 | 86.5 | 87.5 |
| GE 400 | .2 | 60.8 | 72.8 | 78.9 | 82.6 | 83.8 | 86.5 | 87.1 | 87.1 | 87.6 | 88.1 | 88.3 | 88.4 | 88.4 | 89.1 | 90.0 |
| GE 300 | .2 | 61.1 | 73.2 | 79.6 | 84.4 | 85.5 | 88.9 | 90.0 | 90.0 | 90.8 | 91.5 | 91.6 | 91.8 | 91.8 | 92.6 | 93.6 |
| GE 200 | .2 | 61.1 | 73.2 | 79.9 | 84.9 | 86.0 | 89.7 | 91.0 | 91.0 | 92.1 | 93.2 | 93.6 | 94.5 | 94.7 | 96.0 | 98.0 |
| GE 100 | .2 | 61.1 | 73.2 | 79.9 | 84.9 | 86.0 | 89.7 | 91.0 | 91.2 | 92.3 | 93.4 | 93.7 | 94.7 | 95.0 | 96.3 | 99.7 |
| GE 0 | .2 | 61.1 | 73.2 | 79.9 | 84.9 | 86.0 | 89.7 | 91.0 | 91.2 | 92.3 | 93.4 | 93.7 | 94.7 | 95.0 | 96.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86

MONTH: OCT HOURS(IST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|-------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 | |
| NO CEIL | .7 | 34.9 | 41.0 | 45.2 | 48.4 | 48.6 | 50.0 | 50.5 | 50.5 | 51.0 | 51.1 | 51.4 | 51.5 | 51.9 | 52.1 | 53.3 |
| GE 20000 | .7 | 36.8 | 43.4 | 47.6 | 51.4 | 51.6 | 53.0 | 53.5 | 53.5 | 54.0 | 54.1 | 54.3 | 54.5 | 54.8 | 55.1 | 56.6 |
| GE 18000 | .7 | 36.9 | 43.6 | 47.8 | 51.5 | 51.7 | 53.1 | 53.6 | 53.6 | 54.1 | 54.2 | 54.5 | 54.6 | 55.0 | 55.2 | 56.7 |
| GE 16000 | .7 | 36.9 | 43.6 | 47.8 | 51.5 | 51.7 | 53.1 | 53.6 | 53.6 | 54.1 | 54.2 | 54.5 | 54.6 | 55.0 | 55.2 | 56.7 |
| GE 14000 | .7 | 37.4 | 44.1 | 48.3 | 52.0 | 52.2 | 53.6 | 54.1 | 54.1 | 54.6 | 54.7 | 55.0 | 55.1 | 55.4 | 55.7 | 57.2 |
| GE 12000 | .7 | 38.4 | 45.3 | 49.5 | 53.2 | 53.5 | 54.8 | 55.3 | 55.3 | 55.8 | 55.9 | 56.2 | 56.3 | 56.7 | 56.9 | 58.4 |
| GE 10000 | .7 | 39.5 | 46.5 | 50.9 | 54.8 | 55.2 | 56.6 | 57.2 | 57.2 | 57.8 | 57.9 | 58.2 | 58.4 | 58.8 | 59.0 | 60.5 |
| GE 9000 | .7 | 40.0 | 47.0 | 51.4 | 55.3 | 55.7 | 57.1 | 57.7 | 57.7 | 58.3 | 58.4 | 58.7 | 58.9 | 59.3 | 59.5 | 61.0 |
| GE 8000 | .7 | 41.6 | 48.6 | 53.0 | 57.1 | 57.4 | 58.8 | 59.4 | 59.4 | 60.0 | 60.1 | 60.4 | 60.6 | 61.0 | 61.3 | 62.7 |
| GE 7000 | .7 | 42.5 | 49.9 | 54.2 | 58.3 | 58.7 | 60.0 | 60.6 | 60.6 | 61.3 | 61.4 | 61.6 | 61.9 | 62.3 | 62.5 | 64.0 |
| GE 6000 | .7 | 42.7 | 50.1 | 54.5 | 58.5 | 58.9 | 60.3 | 60.9 | 60.9 | 61.5 | 61.6 | 61.9 | 62.1 | 62.5 | 62.7 | 64.2 |
| GE 5000 | .7 | 43.4 | 50.9 | 55.3 | 59.4 | 60.0 | 61.5 | 62.1 | 62.3 | 62.9 | 63.0 | 63.2 | 63.5 | 63.9 | 64.1 | 65.6 |
| GE 4500 | .7 | 43.9 | 51.4 | 55.8 | 59.9 | 60.5 | 62.0 | 62.6 | 62.7 | 63.4 | 63.5 | 63.7 | 64.0 | 64.4 | 64.6 | 66.1 |
| GE 4000 | .7 | 45.3 | 52.7 | 57.3 | 61.4 | 62.0 | 63.5 | 64.1 | 64.2 | 65.0 | 65.1 | 65.3 | 65.6 | 66.0 | 66.2 | 67.7 |
| GE 3500 | .7 | 45.5 | 53.0 | 57.5 | 61.6 | 62.3 | 63.7 | 64.4 | 64.5 | 65.2 | 65.3 | 65.6 | 65.8 | 66.2 | 66.5 | 67.9 |
| GE 3000 | .7 | 46.2 | 53.6 | 58.3 | 62.4 | 63.0 | 64.5 | 65.1 | 65.2 | 66.1 | 66.2 | 66.5 | 66.7 | 67.1 | 67.3 | 68.8 |
| GE 2500 | .7 | 46.3 | 54.0 | 59.0 | 63.2 | 64.0 | 65.5 | 66.1 | 66.2 | 67.1 | 67.2 | 67.5 | 67.7 | 68.1 | 68.3 | 69.8 |
| GE 2000 | .7 | 47.3 | 55.6 | 60.8 | 65.0 | 65.8 | 67.5 | 68.2 | 68.3 | 69.2 | 69.3 | 69.6 | 69.8 | 70.2 | 70.4 | 71.9 |
| GE 1800 | .7 | 47.5 | 55.8 | 61.0 | 65.2 | 66.1 | 67.8 | 68.6 | 68.7 | 69.6 | 69.7 | 69.9 | 70.2 | 70.5 | 70.8 | 72.3 |
| GE 1500 | .7 | 48.5 | 57.3 | 62.6 | 67.2 | 68.1 | 69.8 | 70.5 | 70.7 | 71.5 | 71.7 | 71.9 | 72.2 | 72.5 | 72.8 | 74.3 |
| GE 1200 | .7 | 49.4 | 58.4 | 64.1 | 68.7 | 69.6 | 71.3 | 72.2 | 72.3 | 73.3 | 73.4 | 73.6 | 73.9 | 74.3 | 74.5 | 76.0 |
| GE 1000 | .7 | 50.5 | 59.9 | 65.6 | 70.3 | 71.2 | 72.9 | 73.8 | 73.9 | 75.0 | 75.1 | 75.4 | 75.6 | 76.0 | 76.2 | 77.7 |
| GE 900 | .7 | 51.2 | 61.0 | 67.0 | 71.7 | 72.5 | 74.3 | 75.1 | 75.2 | 76.4 | 76.5 | 76.7 | 77.0 | 77.4 | 77.6 | 79.1 |
| GE 800 | .7 | 51.7 | 61.9 | 68.3 | 73.1 | 74.0 | 75.7 | 76.6 | 76.7 | 77.8 | 78.0 | 78.2 | 78.5 | 78.8 | 79.1 | 80.6 |
| GE 700 | .7 | 52.5 | 63.1 | 69.7 | 74.8 | 75.6 | 77.6 | 78.5 | 78.6 | 79.7 | 79.8 | 80.1 | 80.3 | 80.7 | 80.9 | 82.4 |
| GE 600 | .7 | 53.5 | 64.9 | 71.7 | 77.1 | 78.0 | 80.2 | 81.2 | 81.3 | 82.5 | 82.7 | 82.9 | 83.2 | 83.5 | 84.0 | 85.6 |
| GE 500 | .7 | 53.6 | 65.1 | 72.3 | 78.6 | 79.6 | 81.8 | 83.3 | 83.4 | 84.8 | 84.9 | 85.1 | 85.4 | 85.8 | 86.3 | 88.5 |
| GE 400 | .7 | 54.0 | 65.8 | 73.3 | 80.1 | 81.3 | 83.9 | 85.5 | 85.6 | 87.0 | 87.1 | 87.4 | 87.6 | 88.0 | 88.6 | 91.5 |
| GE 300 | .7 | 54.1 | 66.0 | 73.4 | 80.3 | 81.7 | 84.4 | 86.5 | 87.0 | 89.0 | 89.6 | 90.1 | 90.3 | 90.7 | 91.3 | 94.3 |
| GE 200 | .7 | 54.1 | 66.0 | 73.4 | 80.3 | 81.9 | 84.7 | 86.9 | 87.4 | 90.5 | 91.6 | 92.5 | 93.4 | 93.9 | 94.7 | 98.9 |
| GE 100 | .7 | 54.1 | 66.0 | 73.4 | 80.3 | 81.9 | 84.7 | 86.9 | 87.4 | 90.5 | 91.6 | 92.5 | 93.4 | 93.9 | 95.2 | 100.0 |
| GE CL | .7 | 54.1 | 66.0 | 73.4 | 80.3 | 81.9 | 84.7 | 86.9 | 87.4 | 90.5 | 91.6 | 92.5 | 93.4 | 93.9 | 95.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .4 | 51.1 | 52.5 | 53.1 | 53.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.6 |
| GE 20000 | .4 | 55.3 | 56.7 | 57.3 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.7 | 57.7 | 57.8 |
| GE 18000 | .4 | 55.8 | 57.2 | 57.8 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.2 | 58.2 | 58.3 |
| GE 16000 | .4 | 56.1 | 57.4 | 58.0 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.5 |
| GE 14000 | .4 | 56.1 | 57.4 | 58.0 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.5 |
| GE 12000 | .4 | 57.3 | 58.7 | 59.3 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.7 | 59.7 | 59.8 |
| GE 10000 | .4 | 59.3 | 60.8 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.8 | 61.8 | 61.9 |
| GE 9000 | .4 | 59.6 | 61.3 | 61.9 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.3 | 62.3 | 62.4 |
| GE 8000 | .7 | 62.0 | 63.5 | 64.5 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.9 | 64.9 | 65.0 |
| GE 7000 | .7 | 62.4 | 64.0 | 65.0 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.5 |
| GE 6000 | .7 | 63.1 | 64.7 | 65.8 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.5 |
| GE 5000 | .7 | 63.7 | 65.3 | 66.5 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.0 | 67.0 | 67.1 |
| GE 4500 | .7 | 63.9 | 65.5 | 66.6 | 66.8 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.2 |
| GE 4000 | .7 | 65.6 | 67.8 | 68.9 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.6 |
| GE 3500 | .7 | 66.3 | 68.7 | 69.8 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.4 |
| GE 3000 | .7 | 67.6 | 69.9 | 71.2 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.7 | 71.7 | 71.8 |
| GE 2500 | .7 | 70.3 | 72.9 | 74.1 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.8 | 74.8 | 74.9 |
| GE 2000 | .7 | 74.1 | 77.1 | 78.6 | 78.8 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.3 |
| GE 1800 | .7 | 74.6 | 77.7 | 79.2 | 79.5 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 80.0 |
| GE 1500 | .7 | 76.7 | 80.0 | 81.7 | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.5 |
| GE 1200 | .7 | 79.2 | 83.2 | 85.1 | 85.4 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.6 |
| GE 1000 | .7 | 80.1 | 84.4 | 86.5 | 87.4 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.4 | 88.4 | 88.5 |
| GE 900 | .7 | 80.6 | 85.6 | 88.0 | 89.3 | 89.5 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.1 |
| GE 800 | .7 | 80.8 | 86.6 | 89.1 | 90.7 | 90.7 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.7 |
| GE 700 | .7 | 81.2 | 87.3 | 89.9 | 91.1 | 91.6 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.8 |
| GE 600 | .7 | 81.9 | 88.2 | 91.2 | 92.7 | 93.4 | 94.4 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 95.0 |
| GE 500 | .7 | 92.2 | 88.6 | 92.1 | 93.4 | 94.8 | 95.9 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.8 |
| GE 400 | .7 | 92.2 | 88.9 | 92.3 | 94.2 | 95.3 | 96.5 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.9 | 97.9 | 98.1 |
| GE 300 | .7 | 82.2 | 88.9 | 92.3 | 94.2 | 95.7 | 97.0 | 98.0 | 98.1 | 98.5 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.3 |
| GE 200 | .7 | 82.2 | 88.9 | 92.3 | 94.3 | 95.7 | 97.2 | 98.1 | 98.3 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.8 | 100.0 |
| GE 100 | .7 | 82.2 | 88.9 | 92.3 | 94.3 | 95.7 | 97.2 | 98.1 | 98.3 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.8 | 100.0 |
| GE 01 | .7 | 82.2 | 88.9 | 92.3 | 94.3 | 95.7 | 97.2 | 98.1 | 98.3 | 98.9 | 99.1 | 99.1 | 99.5 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LOCAL): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .4 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| GE 20000 | .4 | 62.5 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| GE 18000 | .4 | 63.0 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 16000 | .4 | 63.3 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| GE 14000 | .4 | 63.5 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| GE 12000 | .4 | 64.4 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 10000 | .4 | 67.0 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| GE 9000 | .4 | 67.4 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| GE 8000 | .5 | 72.4 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 7000 | .6 | 72.9 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 6000 | .6 | 73.0 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 5000 | .6 | 74.2 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| GE 4500 | .6 | 74.3 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| GE 4000 | .6 | 75.4 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 3500 | .6 | 77.8 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 3000 | .6 | 81.6 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 2500 | .7 | 85.5 | 86.5 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 2000 | .7 | 88.1 | 89.3 | 89.5 | 89.6 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 1800 | .7 | 88.8 | 89.9 | 90.1 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| GE 1500 | .7 | 89.9 | 91.1 | 91.6 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 1200 | .7 | 91.5 | 93.0 | 93.6 | 93.9 | 94.0 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 1000 | .7 | 91.9 | 93.5 | 94.3 | 94.6 | 94.8 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 900 | .7 | 92.3 | 94.1 | 95.0 | 95.5 | 95.6 | 96.1 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 800 | .7 | 92.9 | 95.1 | 96.1 | 96.6 | 96.8 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 700 | .7 | 93.4 | 95.9 | 97.0 | 97.6 | 97.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 600 | .7 | 93.5 | 96.3 | 97.4 | 98.1 | 98.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 500 | .7 | 93.5 | 96.3 | 97.4 | 98.1 | 98.4 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | .7 | 93.6 | 96.4 | 97.5 | 98.3 | 98.5 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | .7 | 93.6 | 96.4 | 97.5 | 98.3 | 98.5 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | .7 | 93.6 | 96.4 | 97.5 | 98.3 | 98.5 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .7 | 93.6 | 96.4 | 97.5 | 98.3 | 98.5 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | .7 | 93.6 | 96.4 | 97.5 | 98.3 | 98.5 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | 1 | .8 | 58.9 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| GE 20000 | 1 | .8 | 69.0 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| GE 18000 | 1 | .8 | 69.2 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 16000 | 1 | .8 | 69.3 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 14000 | 1 | .8 | 69.8 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 12000 | 1 | .8 | 69.8 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 10000 | 1 | .8 | 73.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| GE 9000 | 1 | .8 | 73.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| GE 8000 | 1 | .8 | 78.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| GE 7000 | 1 | 1.1 | 79.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| GE 6000 | 1 | 1.1 | 79.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| GE 5000 | 1 | 1.1 | 81.6 | 82.7 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 4500 | 1 | 1.1 | 82.0 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 4000 | 1 | 1.1 | 83.1 | 84.4 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 3500 | 1 | 1.1 | 84.7 | 86.0 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 3000 | 1 | 1.1 | 86.9 | 88.2 | 88.6 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 2500 | 1 | 1.1 | 89.1 | 90.6 | 91.0 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 2000 | 1 | 1.1 | 90.2 | 92.0 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 1800 | 1 | 1.1 | 90.5 | 92.2 | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 1500 | 1 | 1.1 | 91.0 | 92.7 | 93.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 1200 | 1 | 1.1 | 91.5 | 93.2 | 93.7 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 1000 | 1 | 1.1 | 91.7 | 93.6 | 94.1 | 94.2 | 94.5 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 900 | 1 | 1.1 | 92.0 | 94.0 | 94.6 | 94.7 | 95.0 | 95.0 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 800 | 1 | 1.1 | 92.9 | 94.9 | 95.9 | 96.4 | 96.6 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 700 | 1 | 1.1 | 93.1 | 95.1 | 96.1 | 96.6 | 97.0 | 97.4 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 600 | 1 | 1.1 | 93.7 | 95.9 | 97.0 | 97.6 | 98.0 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 500 | 1 | 1.1 | 94.0 | 96.1 | 97.2 | 98.0 | 98.4 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 1 | 1.1 | 94.1 | 96.4 | 97.5 | 98.2 | 98.6 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 1 | 1.1 | 94.1 | 96.4 | 97.5 | 98.2 | 98.6 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 1 | 1.1 | 94.1 | 96.4 | 97.5 | 98.2 | 98.6 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 1 | 1.1 | 94.1 | 96.4 | 97.5 | 98.2 | 98.6 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 1 | 1.1 | 94.1 | 96.4 | 97.5 | 98.2 | 98.6 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|------|-------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | 1 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 1 | .4 | 62.0 | 63.0 | 63.1 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 20000 | 1 | .4 | 68.4 | 69.8 | 70.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 18000 | 1 | .4 | 68.4 | 69.8 | 70.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 16000 | 1 | .4 | 68.4 | 69.8 | 70.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 14000 | 1 | .4 | 68.6 | 70.0 | 70.5 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 12000 | 1 | .4 | 69.0 | 70.4 | 70.9 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 10000 | 1 | .4 | 71.0 | 72.5 | 73.0 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 9000 | 1 | .4 | 71.6 | 73.1 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 8000 | 1 | .4 | 74.8 | 76.3 | 76.8 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| GE 7000 | 1 | .4 | 76.2 | 77.7 | 78.2 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE 6000 | 1 | .4 | 76.3 | 77.8 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE 5000 | 1 | .4 | 77.8 | 79.5 | 80.1 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 4500 | 1 | .4 | 79.2 | 80.9 | 81.4 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| GE 4000 | 1 | .4 | 80.2 | 82.1 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 3500 | 1 | .4 | 80.9 | 83.2 | 83.8 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 3000 | 1 | .4 | 83.8 | 86.4 | 87.1 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 2500 | 1 | .4 | 84.9 | 87.8 | 88.6 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 2000 | 1 | .4 | 86.1 | 89.1 | 89.8 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 1800 | 1 | .4 | 86.3 | 89.3 | 90.1 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 1500 | 1 | .6 | 86.8 | 90.1 | 91.0 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 1200 | 1 | .8 | 87.3 | 91.0 | 91.8 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 1000 | 1 | .8 | 87.7 | 91.3 | 92.2 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 900 | 1 | .8 | 87.8 | 91.6 | 92.5 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 800 | 1 | .8 | 88.1 | 92.0 | 93.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 700 | 1 | .8 | 88.5 | 92.3 | 93.5 | 95.5 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 600 | 1 | .9 | 89.0 | 93.0 | 94.1 | 96.2 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 500 | 1 | .8 | 89.6 | 93.7 | 94.9 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 400 | 1 | .8 | 90.2 | 94.5 | 95.7 | 97.9 | 98.1 | 98.5 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| GE 300 | 1 | .8 | 90.2 | 94.5 | 95.7 | 97.9 | 98.1 | 98.6 | 98.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE 200 | 1 | .8 | 90.2 | 94.5 | 95.7 | 97.9 | 98.1 | 98.6 | 98.7 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 |
| GE 100 | 1 | .8 | 90.2 | 94.5 | 95.7 | 97.9 | 98.1 | 98.6 | 98.7 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 |
| GE 0 | 1 | .8 | 90.2 | 94.5 | 95.7 | 97.9 | 98.1 | 98.6 | 98.7 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722393 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|----|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| IN FEET | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .3 | 59.7 | 61.6 | 62.5 | 62.5 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 20000 | .3 | 64.4 | 66.6 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 18000 | .3 | 64.4 | 66.6 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 16000 | .3 | 64.4 | 66.6 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 14000 | .3 | 64.6 | 66.6 | 67.9 | 67.9 | 68.0 | 68.2 | 68.2 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 12000 | .3 | 64.7 | 66.9 | 68.0 | 68.0 | 68.2 | 68.4 | 68.4 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 10000 | .3 | 67.1 | 69.3 | 70.4 | 70.4 | 70.6 | 70.7 | 70.7 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 9000 | .3 | 67.9 | 70.1 | 71.2 | 71.2 | 71.4 | 71.5 | 71.5 | 71.5 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| GE 8000 | .3 | 69.3 | 72.0 | 73.3 | 73.3 | 73.4 | 73.6 | 73.6 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 7000 | .8 | 71.7 | 74.4 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 75.9 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 6000 | .8 | 71.8 | 74.5 | 75.8 | 75.8 | 75.9 | 76.1 | 76.1 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 5000 | .8 | 73.3 | 75.9 | 77.2 | 77.2 | 77.4 | 77.5 | 77.5 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 4500 | .8 | 74.1 | 76.9 | 78.2 | 78.2 | 78.3 | 78.5 | 78.5 | 78.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 4000 | .8 | 75.5 | 78.3 | 79.6 | 79.6 | 79.7 | 79.9 | 79.9 | 79.9 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 3500 | .8 | 76.9 | 79.7 | 81.0 | 81.0 | 81.2 | 81.3 | 81.3 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| GE 3000 | .8 | 78.5 | 81.5 | 82.9 | 82.9 | 83.1 | 83.2 | 83.2 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| GE 2500 | .8 | 79.3 | 82.6 | 84.3 | 84.3 | 84.7 | 85.0 | 85.0 | 85.0 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 2000 | .8 | 80.5 | 84.0 | 86.4 | 86.4 | 87.0 | 87.2 | 87.2 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 1800 | .8 | 80.5 | 84.2 | 86.6 | 86.6 | 87.0 | 87.2 | 87.3 | 87.3 | 87.3 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE 1500 | .8 | 81.3 | 85.1 | 87.7 | 87.7 | 88.3 | 88.4 | 88.6 | 88.6 | 88.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 1200 | .8 | 82.3 | 86.4 | 89.1 | 89.1 | 90.0 | 90.2 | 90.5 | 90.5 | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 1000 | .8 | 82.8 | 86.9 | 89.9 | 89.9 | 91.1 | 91.3 | 91.8 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 900 | .8 | 82.9 | 87.2 | 90.2 | 90.2 | 91.5 | 91.6 | 92.1 | 92.1 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 800 | .8 | 83.5 | 88.0 | 91.0 | 91.0 | 92.4 | 92.6 | 93.0 | 93.0 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 700 | .8 | 84.0 | 88.6 | 91.6 | 91.6 | 93.0 | 93.2 | 93.7 | 93.7 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 600 | .8 | 84.3 | 89.1 | 92.1 | 92.1 | 93.5 | 93.7 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 500 | .8 | 85.0 | 90.2 | 93.2 | 93.2 | 94.8 | 94.9 | 95.6 | 95.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 400 | .8 | 86.4 | 91.6 | 94.8 | 94.8 | 97.0 | 97.2 | 98.1 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 300 | .8 | 86.4 | 91.6 | 94.9 | 94.9 | 97.6 | 97.8 | 98.9 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 200 | .8 | 86.4 | 91.8 | 94.9 | 94.9 | 97.6 | 97.8 | 98.9 | 99.2 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | .8 | 86.4 | 91.8 | 94.9 | 94.9 | 97.6 | 97.8 | 98.9 | 99.2 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | .8 | 86.4 | 91.8 | 94.9 | 94.9 | 97.6 | 97.8 | 98.9 | 99.2 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE C | |
| NO CEIL | .4 | 51.8 | 54.1 | 55.2 | 55.9 | 56.0 | 56.3 | 56.5 | 56.5 | 56.7 | 56.7 | 56.8 | 56.8 | 56.9 | 56.9 | 57.2 | |
| GE 20000 | .4 | 56.9 | 59.5 | 60.7 | 61.6 | 61.8 | 62.1 | 62.3 | 62.3 | 62.5 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 63.1 | |
| GE 18000 | .4 | 57.1 | 59.7 | 61.0 | 61.8 | 62.0 | 62.4 | 62.5 | 62.5 | 62.7 | 62.7 | 62.8 | 62.8 | 62.9 | 63.0 | 63.3 | |
| GE 16000 | .4 | 57.2 | 59.8 | 61.0 | 61.9 | 62.1 | 62.4 | 62.6 | 62.6 | 62.8 | 62.8 | 62.9 | 62.9 | 63.0 | 63.1 | 63.4 | |
| GE 14000 | .4 | 57.6 | 60.2 | 61.4 | 62.3 | 62.4 | 62.8 | 63.0 | 63.0 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.4 | 63.7 | |
| GE 12000 | .4 | 58.1 | 60.7 | 62.0 | 62.9 | 63.0 | 63.4 | 63.5 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 | 64.0 | 64.3 | |
| GE 10000 | .4 | 60.3 | 63.0 | 64.3 | 65.2 | 65.4 | 65.7 | 65.9 | 65.9 | 66.1 | 66.1 | 66.2 | 66.2 | 66.3 | 66.4 | 66.7 | |
| GE 9000 | .4 | 60.8 | 63.5 | 64.7 | 65.6 | 65.8 | 66.2 | 66.4 | 66.4 | 66.5 | 66.6 | 66.6 | 66.7 | 66.8 | 66.8 | 67.2 | |
| GE 8000 | .5 | 63.5 | 66.4 | 67.8 | 68.8 | 68.9 | 69.3 | 69.5 | 69.5 | 69.7 | 69.7 | 69.8 | 69.8 | 69.9 | 70.0 | 70.3 | |
| GE 7000 | .6 | 64.5 | 67.5 | 68.9 | 69.9 | 70.1 | 70.4 | 70.6 | 70.6 | 70.8 | 70.8 | 70.9 | 71.0 | 71.0 | 71.1 | 71.4 | |
| GE 6000 | .6 | 64.9 | 67.9 | 69.3 | 70.3 | 70.5 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.3 | 71.4 | 71.5 | 71.5 | 71.8 | |
| GE 5000 | .6 | 66.0 | 69.2 | 70.6 | 71.6 | 71.8 | 72.2 | 72.4 | 72.4 | 72.6 | 72.6 | 72.7 | 72.7 | 72.8 | 72.9 | 73.2 | |
| GE 4500 | .6 | 66.7 | 69.8 | 71.2 | 72.3 | 72.4 | 72.8 | 73.0 | 73.1 | 73.2 | 73.3 | 73.3 | 73.4 | 73.5 | 73.5 | 73.9 | |
| GE 4000 | .6 | 67.8 | 71.1 | 72.5 | 73.5 | 73.7 | 74.1 | 74.3 | 74.4 | 74.5 | 74.6 | 74.6 | 74.7 | 74.8 | 74.9 | 75.2 | |
| GE 3500 | .6 | 68.9 | 72.3 | 73.7 | 74.7 | 74.9 | 75.3 | 75.5 | 75.6 | 75.7 | 75.8 | 75.8 | 75.9 | 76.0 | 76.1 | 76.4 | |
| GE 3000 | .6 | 70.7 | 74.2 | 75.8 | 76.8 | 77.0 | 77.4 | 77.6 | 77.6 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 | 78.2 | 78.5 | |
| GE 2500 | .6 | 72.3 | 76.0 | 77.7 | 78.8 | 79.1 | 79.5 | 79.7 | 79.7 | 79.9 | 80.0 | 80.0 | 80.1 | 80.2 | 80.3 | 80.6 | |
| GE 2000 | .6 | 74.0 | 78.0 | 79.8 | 81.0 | 81.2 | 81.7 | 81.9 | 81.9 | 82.1 | 82.2 | 82.2 | 82.3 | 82.4 | 82.5 | 82.8 | |
| GE 1800 | .6 | 74.2 | 78.2 | 80.1 | 81.3 | 81.5 | 82.0 | 82.2 | 82.3 | 82.5 | 82.5 | 82.6 | 82.6 | 82.7 | 82.8 | 83.2 | |
| GE 1500 | .7 | 75.2 | 79.4 | 81.3 | 82.7 | 83.0 | 83.5 | 83.7 | 83.7 | 83.9 | 84.0 | 84.0 | 84.1 | 84.2 | 84.3 | 84.6 | |
| GE 1200 | .7 | 76.2 | 80.8 | 82.9 | 84.4 | 84.7 | 85.2 | 85.5 | 85.6 | 85.8 | 85.9 | 85.9 | 86.0 | 86.1 | 86.2 | 86.5 | |
| GE 1000 | .7 | 76.8 | 81.5 | 83.8 | 85.4 | 85.8 | 86.4 | 86.7 | 86.8 | 87.1 | 87.1 | 87.2 | 87.2 | 87.3 | 87.4 | 87.8 | |
| GE 900 | .7 | 77.2 | 82.3 | 84.7 | 86.4 | 86.7 | 87.4 | 87.7 | 87.8 | 88.0 | 88.1 | 88.1 | 88.2 | 88.3 | 88.4 | 88.7 | |
| GE 800 | .7 | 77.8 | 83.2 | 85.8 | 87.7 | 88.0 | 88.8 | 89.1 | 89.2 | 89.4 | 89.5 | 89.5 | 89.6 | 89.7 | 89.8 | 90.1 | |
| GE 700 | .7 | 78.4 | 84.1 | 86.8 | 88.8 | 89.2 | 90.1 | 90.5 | 90.5 | 90.8 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.5 | |
| GE 600 | .7 | 79.1 | 85.2 | 88.1 | 90.3 | 90.7 | 91.8 | 92.1 | 92.2 | 92.5 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.3 | |
| GE 500 | .7 | 79.6 | 85.9 | 89.1 | 91.6 | 92.1 | 93.2 | 93.8 | 93.8 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.6 | 95.0 | |
| GE 400 | .7 | 80.1 | 86.7 | 90.0 | 92.8 | 93.4 | 94.7 | 95.3 | 95.4 | 95.8 | 95.9 | 96.0 | 96.1 | 96.1 | 96.3 | 96.8 | |
| GE 300 | .7 | 80.2 | 86.8 | 90.2 | 93.2 | 93.9 | 95.3 | 96.1 | 96.3 | 96.9 | 97.1 | 97.2 | 97.3 | 97.4 | 97.6 | 98.1 | |
| GE 200 | .7 | 80.2 | 86.8 | 90.2 | 93.3 | 94.0 | 95.6 | 96.4 | 96.5 | 97.4 | 97.8 | 98.0 | 98.3 | 98.5 | 98.7 | 99.6 | |
| GE 100 | .7 | 80.2 | 86.8 | 90.2 | 93.3 | 94.0 | 95.6 | 96.4 | 96.6 | 97.4 | 97.8 | 98.0 | 98.4 | 98.5 | 98.9 | 100.0 | |
| GE 0 | .7 | 80.2 | 86.8 | 90.2 | 93.3 | 94.0 | 95.6 | 96.4 | 96.6 | 97.4 | 97.8 | 98.0 | 98.4 | 98.5 | 98.9 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 5825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: NOV HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 | GE 1 1/2 | GE 1 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 |
| NO CEIL | | 42.6 | 44.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 46.1 |
| GE 20000 | | 44.3 | 46.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 48.1 |
| GE 18000 | | 44.3 | 46.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 48.1 |
| GE 16000 | | 44.3 | 46.5 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 48.1 |
| GE 14000 | | 44.6 | 46.9 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.7 |
| GE 12000 | | 44.6 | 46.9 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.7 |
| GE 10000 | | 46.3 | 48.5 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 50.4 |
| GE 9000 | | 46.5 | 48.7 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.6 |
| GE 8000 | | 48.7 | 50.9 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 53.0 |
| GE 7000 | | 49.1 | 51.3 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 53.3 |
| GE 6000 | | 49.8 | 52.0 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 54.1 |
| GE 5000 | | 50.9 | 53.1 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 55.2 |
| GE 4500 | | 51.3 | 53.5 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.6 |
| GE 4000 | | 52.2 | 54.4 | 55.7 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.9 |
| GE 3500 | | 53.0 | 55.2 | 56.5 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.6 |
| GE 3000 | | 54.4 | 57.2 | 58.5 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.8 |
| GE 2500 | | 56.1 | 59.1 | 60.6 | 60.9 | 60.9 | 60.9 | 60.9 | 61.1 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.9 |
| GE 2000 | | 57.8 | 60.7 | 62.4 | 62.8 | 62.8 | 62.8 | 62.8 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.9 |
| GE 1800 | | 58.5 | 61.5 | 63.1 | 63.5 | 63.5 | 63.5 | 63.5 | 63.9 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.6 |
| GE 1500 | | 60.2 | 63.3 | 65.0 | 65.4 | 65.6 | 65.6 | 65.6 | 65.9 | 66.1 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.9 |
| GE 1200 | | 63.1 | 66.5 | 68.1 | 68.5 | 68.7 | 68.9 | 69.1 | 69.4 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 70.4 |
| GE 1000 | | 66.7 | 70.0 | 73.0 | 73.3 | 73.7 | 73.9 | 74.1 | 74.4 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.4 |
| GE 900 | | 68.1 | 72.0 | 75.2 | 75.7 | 76.1 | 76.5 | 76.7 | 77.0 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 78.0 |
| GE 800 | | 68.9 | 73.1 | 76.7 | 77.4 | 77.8 | 78.1 | 78.3 | 78.7 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.6 |
| GE 700 | | 70.6 | 75.4 | 78.9 | 80.0 | 80.4 | 80.7 | 80.9 | 81.3 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 82.2 |
| GE 600 | | 73.0 | 77.8 | 81.5 | 82.8 | 83.1 | 83.7 | 83.9 | 84.3 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 85.2 |
| GE 500 | | 74.8 | 79.8 | 84.1 | 86.1 | 86.5 | 87.6 | 87.8 | 88.1 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 89.1 |
| GE 400 | | 75.6 | 80.7 | 85.4 | 88.5 | 89.1 | 90.2 | 90.6 | 91.1 | 91.5 | 91.7 | 91.7 | 91.7 | 91.9 | 92.0 | 92.6 |
| GE 300 | | 75.6 | 80.9 | 85.6 | 88.9 | 89.4 | 90.7 | 91.5 | 92.2 | 92.6 | 92.8 | 92.8 | 92.8 | 93.0 | 93.3 | 94.3 |
| GE 200 | | 75.6 | 80.9 | 85.6 | 89.1 | 89.6 | 91.3 | 92.0 | 93.5 | 94.1 | 94.3 | 94.3 | 94.3 | 95.0 | 96.1 | 97.8 |
| GE 100 | | 75.6 | 80.9 | 85.6 | 89.1 | 89.6 | 91.3 | 92.0 | 93.5 | 94.1 | 94.3 | 94.3 | 94.3 | 95.2 | 96.3 | 98.0 |
| GE 0 | | 75.6 | 80.9 | 85.6 | 89.1 | 89.6 | 91.3 | 92.0 | 93.5 | 94.1 | 94.3 | 94.3 | 94.3 | 95.2 | 96.3 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS: 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 80-86
MONTH: NOV HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 36.5 | 38.5 | 39.4 | 40.5 | 40.5 | 41.1 | 41.1 | 41.1 | 41.1 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| GE 20000 | 37.9 | 40.1 | 41.1 | 42.2 | 42.2 | 42.7 | 42.7 | 42.7 | 42.7 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 |
| GE 18000 | 37.9 | 40.1 | 41.1 | 42.2 | 42.2 | 42.7 | 42.7 | 42.7 | 42.7 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 |
| GE 16000 | 37.9 | 40.1 | 41.1 | 42.2 | 42.2 | 42.7 | 42.7 | 42.7 | 42.7 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 |
| GE 14000 | 37.9 | 40.1 | 41.3 | 42.4 | 42.4 | 42.9 | 42.9 | 42.9 | 42.9 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 12000 | 37.9 | 40.1 | 41.3 | 42.4 | 42.4 | 42.9 | 42.9 | 42.9 | 42.9 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| GE 10000 | 39.4 | 41.6 | 42.7 | 43.8 | 43.8 | 44.4 | 44.4 | 44.4 | 44.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| GE 9000 | 39.4 | 41.6 | 42.7 | 43.8 | 43.8 | 44.4 | 44.4 | 44.4 | 44.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| GE 8000 | 40.7 | 42.9 | 44.0 | 45.1 | 45.1 | 45.7 | 45.7 | 45.7 | 45.7 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 |
| GE 7000 | 41.3 | 43.5 | 44.6 | 45.7 | 45.7 | 46.2 | 46.2 | 46.2 | 46.2 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| GE 6000 | 41.4 | 43.6 | 44.8 | 45.9 | 45.9 | 46.4 | 46.4 | 46.4 | 46.4 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| GE 5000 | 44.4 | 46.6 | 47.7 | 48.8 | 48.8 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| GE 4500 | 44.4 | 46.6 | 47.7 | 48.8 | 48.8 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| GE 4000 | 45.9 | 48.1 | 49.5 | 50.6 | 50.6 | 51.2 | 51.2 | 51.2 | 51.2 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| GE 3500 | 47.9 | 50.1 | 51.6 | 52.9 | 52.9 | 53.4 | 53.4 | 53.4 | 53.4 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| GE 3000 | 49.9 | 52.1 | 53.6 | 54.9 | 54.9 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| GE 2500 | 51.0 | 53.4 | 55.4 | 56.7 | 56.7 | 57.3 | 57.3 | 57.3 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| GE 2000 | 53.4 | 55.8 | 58.0 | 59.3 | 59.3 | 59.9 | 59.9 | 60.0 | 60.0 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| GE 1800 | 54.3 | 56.7 | 58.9 | 60.2 | 60.2 | 60.8 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| GE 1500 | 57.6 | 60.0 | 62.6 | 63.9 | 63.9 | 64.5 | 64.6 | 64.6 | 64.6 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 1200 | 60.4 | 63.4 | 66.1 | 67.6 | 67.6 | 68.1 | 68.3 | 68.3 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 1000 | 64.5 | 67.6 | 70.9 | 72.7 | 72.9 | 73.5 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 900 | 65.6 | 70.0 | 73.5 | 75.5 | 75.9 | 76.6 | 76.8 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 800 | 66.9 | 71.6 | 75.5 | 77.5 | 77.9 | 78.8 | 79.0 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| GE 700 | 66.9 | 72.9 | 77.0 | 79.4 | 79.7 | 80.7 | 80.8 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| GE 600 | 68.5 | 75.1 | 79.4 | 81.8 | 82.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 500 | 70.0 | 77.7 | 82.5 | 85.3 | 85.6 | 86.9 | 87.1 | 87.1 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 400 | 70.9 | 79.7 | 84.7 | 87.7 | 88.2 | 89.5 | 89.9 | 89.9 | 90.4 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 300 | 71.1 | 79.9 | 84.9 | 88.2 | 89.5 | 91.0 | 91.3 | 91.3 | 92.1 | 92.4 | 92.8 | 92.8 | 93.2 | 93.4 | 93.6 | 93.6 |
| GE 200 | 71.1 | 79.9 | 85.1 | 88.6 | 90.1 | 91.5 | 92.4 | 92.4 | 93.6 | 94.8 | 95.4 | 95.6 | 96.3 | 96.9 | 97.4 | 97.4 |
| GE 100 | 71.1 | 79.9 | 85.1 | 88.6 | 90.1 | 91.5 | 92.4 | 92.4 | 93.6 | 94.8 | 95.6 | 95.9 | 96.7 | 97.6 | 100.0 | 100.0 |
| GE 0 | 71.1 | 79.9 | 85.1 | 88.6 | 90.1 | 91.5 | 92.4 | 92.4 | 93.6 | 94.8 | 95.6 | 95.9 | 96.7 | 97.6 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|------|--|--|--|
| | 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 | | | |
| NO CEIL | | 32.6 | 35.5 | 37.6 | 38.7 | 39.0 | 40.0 | 40.5 | 40.7 | 40.7 | 41.1 | 41.2 | 41.5 | 41.5 | 41.8 | 42.4 | | | | |
| GE 20000 | | 34.9 | 38.1 | 40.2 | 41.4 | 41.6 | 42.6 | 43.1 | 43.4 | 43.4 | 43.8 | 43.9 | 44.2 | 44.2 | 44.4 | 45.1 | | | | |
| GE 18000 | | 34.9 | 38.1 | 40.2 | 41.4 | 41.6 | 42.6 | 43.1 | 43.4 | 43.5 | 43.9 | 44.0 | 44.3 | 44.3 | 44.5 | 45.2 | | | | |
| GE 16000 | | 34.9 | 38.1 | 40.2 | 41.4 | 41.6 | 42.6 | 43.1 | 43.4 | 43.5 | 43.9 | 44.0 | 44.3 | 44.3 | 44.5 | 45.2 | | | | |
| GE 14000 | | 35.0 | 38.2 | 40.4 | 41.5 | 41.8 | 42.9 | 43.5 | 43.8 | 43.9 | 44.3 | 44.4 | 44.7 | 44.7 | 44.9 | 45.6 | | | | |
| GE 12000 | | 35.2 | 38.3 | 40.5 | 42.0 | 42.3 | 43.4 | 44.0 | 44.3 | 44.4 | 44.8 | 44.9 | 45.2 | 45.2 | 45.4 | 46.1 | | | | |
| GE 10000 | | 36.0 | 39.5 | 41.8 | 43.3 | 43.5 | 44.8 | 45.4 | 45.7 | 45.8 | 46.2 | 46.3 | 46.6 | 46.6 | 46.8 | 47.5 | | | | |
| GE 9000 | | 36.5 | 40.0 | 42.3 | 43.8 | 44.0 | 45.3 | 45.9 | 46.2 | 46.3 | 46.7 | 46.8 | 47.1 | 47.1 | 47.3 | 48.0 | | | | |
| GE 8000 | | 38.8 | 42.3 | 44.7 | 46.3 | 46.6 | 47.8 | 48.5 | 48.7 | 48.9 | 49.2 | 49.4 | 49.6 | 49.6 | 49.9 | 50.5 | | | | |
| GE 7000 | | 39.3 | 42.8 | 45.2 | 46.8 | 47.1 | 48.4 | 49.0 | 49.2 | 49.4 | 49.7 | 49.9 | 50.1 | 50.1 | 50.4 | 51.0 | | | | |
| GE 6000 | | 39.6 | 43.1 | 45.6 | 47.2 | 47.5 | 48.7 | 49.4 | 49.6 | 49.7 | 50.1 | 50.3 | 50.5 | 50.5 | 50.8 | 51.4 | | | | |
| GE 5000 | | 40.7 | 44.5 | 47.0 | 48.6 | 48.9 | 50.1 | 50.8 | 51.0 | 51.1 | 51.5 | 51.6 | 51.9 | 51.9 | 52.2 | 52.8 | | | | |
| GE 4500 | | 42.5 | 46.4 | 48.9 | 50.5 | 50.8 | 52.0 | 52.7 | 52.9 | 53.0 | 53.4 | 53.6 | 53.8 | 53.8 | 54.1 | 54.7 | | | | |
| GE 4000 | | 43.1 | 47.2 | 49.6 | 51.4 | 51.6 | 52.9 | 53.7 | 53.9 | 54.1 | 54.4 | 54.6 | 54.8 | 54.8 | 55.1 | 55.7 | | | | |
| GE 3500 | | 44.3 | 48.6 | 51.1 | 52.9 | 53.2 | 54.4 | 55.2 | 55.5 | 55.6 | 56.0 | 56.1 | 56.3 | 56.3 | 56.6 | 57.2 | | | | |
| GE 3000 | | 45.3 | 49.7 | 52.3 | 54.1 | 54.3 | 55.6 | 56.5 | 56.7 | 57.1 | 57.5 | 57.6 | 57.9 | 57.9 | 58.1 | 58.8 | | | | |
| GE 2500 | | 46.4 | 51.0 | 53.9 | 55.7 | 56.0 | 57.2 | 58.1 | 58.4 | 58.8 | 59.1 | 59.3 | 59.5 | 59.5 | 59.8 | 60.4 | | | | |
| GE 2000 | | 48.7 | 53.3 | 56.2 | 58.4 | 58.6 | 60.2 | 61.3 | 61.7 | 62.1 | 62.4 | 62.6 | 62.8 | 62.8 | 63.1 | 63.7 | | | | |
| GE 1800 | | 49.7 | 54.3 | 57.2 | 59.4 | 59.6 | 61.2 | 62.3 | 62.7 | 63.1 | 63.5 | 63.6 | 63.8 | 63.8 | 64.1 | 64.7 | | | | |
| GE 1500 | | 51.9 | 56.7 | 59.9 | 62.2 | 62.7 | 64.5 | 65.6 | 66.0 | 66.4 | 66.8 | 66.9 | 67.1 | 67.1 | 67.4 | 68.0 | | | | |
| GE 1200 | | 54.7 | 60.0 | 64.0 | 66.5 | 67.1 | 68.9 | 70.1 | 70.4 | 70.8 | 71.2 | 71.3 | 71.6 | 71.6 | 71.8 | 72.5 | | | | |
| GE 1000 | | 55.2 | 60.9 | 64.8 | 67.8 | 68.4 | 70.2 | 71.3 | 71.7 | 72.1 | 72.5 | 72.6 | 72.8 | 72.8 | 73.1 | 73.7 | | | | |
| GE 900 | | 56.2 | 62.2 | 66.4 | 69.4 | 70.1 | 71.8 | 73.0 | 73.4 | 73.7 | 74.1 | 74.2 | 74.5 | 74.5 | 74.7 | 75.4 | | | | |
| GE 800 | | 57.4 | 64.0 | 68.3 | 71.6 | 72.3 | 74.2 | 75.6 | 76.0 | 76.4 | 76.8 | 76.9 | 77.2 | 77.2 | 77.4 | 78.0 | | | | |
| GE 700 | | 58.5 | 65.4 | 70.1 | 73.7 | 74.5 | 76.4 | 77.8 | 78.2 | 78.6 | 78.9 | 79.1 | 79.3 | 79.3 | 79.6 | 80.2 | | | | |
| GE 600 | | 58.8 | 66.8 | 72.1 | 76.3 | 77.2 | 79.2 | 80.6 | 81.0 | 81.3 | 81.7 | 81.9 | 82.1 | 82.1 | 82.4 | 83.2 | | | | |
| GE 500 | | 59.3 | 68.5 | 74.5 | 78.9 | 79.9 | 82.6 | 84.4 | 84.8 | 85.4 | 85.9 | 86.0 | 86.3 | 86.3 | 86.5 | 87.4 | | | | |
| GE 400 | | 59.6 | 69.2 | 75.3 | 80.2 | 81.6 | 84.4 | 86.8 | 87.2 | 87.9 | 88.5 | 88.6 | 89.1 | 89.1 | 89.7 | 90.6 | | | | |
| GE 300 | | 59.6 | 69.3 | 75.5 | 80.8 | 82.4 | 85.5 | 88.6 | 89.2 | 90.7 | 91.8 | 92.1 | 92.8 | 92.8 | 93.4 | 94.7 | | | | |
| GE 200 | | 59.6 | 69.3 | 75.5 | 80.8 | 82.4 | 85.9 | 89.1 | 89.7 | 91.1 | 93.8 | 94.2 | 95.1 | 95.4 | 96.6 | 98.6 | | | | |
| GE 100 | | 59.6 | 69.3 | 75.5 | 80.8 | 82.4 | 85.9 | 89.1 | 90.0 | 92.4 | 94.0 | 94.4 | 95.4 | 95.8 | 97.7 | 100.0 | | | | |
| GE 0 | | 59.6 | 69.3 | 75.5 | 80.8 | 82.4 | 85.9 | 89.1 | 90.0 | 92.4 | 94.0 | 94.4 | 95.4 | 95.8 | 97.7 | 100.0 | | | | |

TOTAL NUMBER OF OBSERVATIONS: 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0900-1100

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|---|-----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|-------|
| IN FEET | | 10 | 6 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| NO CEIL | 1 | .1 | 40.9 | 42.0 | 42.5 | 42.6 | 42.6 | 42.6 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.8 | 42.8 |
| GE 20000 | 1 | .1 | 45.9 | 47.2 | 47.7 | 48.0 | 48.0 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.2 | 48.2 |
| GE 18000 | 1 | .1 | 45.9 | 47.4 | 47.9 | 48.1 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.3 | 48.3 |
| GE 16000 | 1 | .1 | 45.9 | 47.4 | 47.9 | 48.1 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.3 | 48.3 |
| GE 14000 | 1 | .1 | 45.9 | 47.4 | 47.9 | 48.1 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.3 | 48.3 |
| GE 12000 | 1 | .1 | 46.5 | 48.0 | 48.5 | 48.7 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 49.0 | 49.0 |
| GE 10000 | 1 | .1 | 48.3 | 49.9 | 50.6 | 51.0 | 51.0 | 51.0 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 | 51.3 |
| GE 9000 | 1 | .1 | 49.1 | 50.7 | 51.3 | 51.8 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 |
| GE 8000 | 1 | .1 | 51.2 | 52.9 | 53.7 | 54.2 | 54.2 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 |
| GE 7000 | 1 | .1 | 51.7 | 53.5 | 54.5 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 |
| GE 6000 | 1 | .1 | 52.5 | 54.4 | 55.3 | 55.8 | 55.8 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 |
| GE 5000 | 1 | .1 | 54.0 | 55.8 | 56.8 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.7 | 57.7 |
| GE 4500 | 1 | .1 | 55.6 | 57.5 | 58.5 | 59.1 | 59.1 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 |
| GE 4000 | 1 | .1 | 57.3 | 59.3 | 60.2 | 60.9 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 |
| GE 3500 | 1 | .1 | 57.9 | 60.0 | 61.0 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 |
| GE 3000 | 1 | .1 | 59.8 | 62.1 | 63.1 | 63.8 | 63.8 | 64.0 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 |
| GE 2500 | 1 | .1 | 60.6 | 63.1 | 64.0 | 64.8 | 64.8 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 |
| GE 2000 | 1 | .1 | 63.1 | 65.6 | 66.7 | 67.6 | 67.6 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 |
| GE 1800 | 1 | .1 | 64.0 | 66.7 | 68.0 | 68.8 | 68.8 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 |
| GE 1500 | 2 | .2 | 66.7 | 69.6 | 70.9 | 71.9 | 72.0 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.8 | 72.8 |
| GE 1200 | 2 | .2 | 69.8 | 73.3 | 74.7 | 76.0 | 76.1 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 |
| GE 1000 | 5 | .5 | 71.9 | 76.1 | 78.0 | 79.8 | 79.9 | 80.5 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 |
| GE 900 | 5 | .5 | 72.8 | 77.4 | 79.5 | 81.5 | 81.7 | 82.3 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 |
| GE 800 | 5 | .5 | 73.3 | 78.2 | 80.5 | 82.8 | 83.1 | 84.0 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 |
| GE 700 | 5 | .5 | 73.9 | 79.0 | 81.5 | 84.0 | 84.5 | 85.8 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 |
| GE 600 | 5 | .5 | 74.2 | 79.4 | 82.3 | 85.5 | 86.0 | 88.0 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 |
| GE 500 | 5 | .5 | 74.4 | 80.2 | 83.2 | 87.6 | 88.3 | 90.9 | 92.0 | 92.5 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.3 | 93.4 |
| GE 400 | 5 | .5 | 74.5 | 80.6 | 83.7 | 89.0 | 89.9 | 92.6 | 93.9 | 94.5 | 95.0 | 95.3 | 95.3 | 95.3 | 95.3 | 95.6 | 95.7 |
| GE 300 | 5 | .5 | 74.5 | 80.7 | 83.8 | 89.6 | 90.7 | 93.4 | 95.2 | 96.0 | 96.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.2 | 98.4 |
| GE 200 | 5 | .5 | 74.5 | 80.7 | 83.8 | 89.6 | 90.7 | 93.4 | 95.2 | 96.0 | 96.8 | 98.0 | 98.2 | 98.4 | 98.8 | 99.1 | 99.4 |
| GE 100 | 5 | .5 | 74.5 | 80.7 | 83.8 | 89.6 | 90.7 | 93.4 | 95.2 | 96.0 | 96.8 | 98.0 | 98.3 | 98.5 | 99.0 | 99.5 | 100.0 |
| GE 0 | 5 | .5 | 74.5 | 80.7 | 83.8 | 89.6 | 90.7 | 93.4 | 95.2 | 96.0 | 96.8 | 98.0 | 98.3 | 98.5 | 99.0 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .5 | 46.0 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| GE 20000 | .5 | 52.6 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 18000 | .5 | 52.6 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| GE 16000 | .5 | 52.6 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| GE 14000 | .5 | 52.6 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| GE 12000 | .5 | 53.7 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| GE 10000 | .5 | 56.1 | 56.8 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 9000 | .5 | 56.3 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| GE 8000 | .5 | 59.8 | 60.7 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| GE 7000 | .5 | 60.1 | 60.9 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 6000 | .5 | 61.1 | 61.9 | 62.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 5000 | .5 | 62.9 | 63.8 | 64.1 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 4500 | .5 | 63.3 | 64.3 | 64.6 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| GE 4000 | .5 | 65.0 | 66.3 | 66.5 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 3500 | .5 | 66.4 | 67.7 | 67.9 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 3000 | .5 | 69.8 | 71.4 | 71.9 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| GE 2500 | .6 | 72.6 | 74.6 | 75.4 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 2000 | .7 | 76.0 | 78.4 | 79.2 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 1800 | .7 | 76.9 | 79.2 | 80.1 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 1500 | .7 | 79.2 | 82.0 | 82.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 1200 | .7 | 80.5 | 84.1 | 85.1 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 1000 | .7 | 81.5 | 85.8 | 87.1 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 900 | .7 | 82.0 | 86.3 | 87.6 | 89.4 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 800 | .7 | 82.3 | 87.1 | 88.4 | 90.4 | 90.5 | 90.9 | 90.9 | 90.9 | 90.9 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 700 | .7 | 83.0 | 87.9 | 89.3 | 91.5 | 91.8 | 92.2 | 92.3 | 92.3 | 92.4 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 600 | .7 | 83.3 | 88.4 | 90.2 | 92.7 | 93.2 | 93.9 | 94.0 | 94.0 | 94.2 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 500 | .7 | 83.7 | 89.2 | 91.0 | 93.9 | 94.9 | 96.3 | 96.5 | 96.8 | 96.9 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 400 | .7 | 83.8 | 89.3 | 91.2 | 94.2 | 95.3 | 96.6 | 97.0 | 97.5 | 97.6 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 300 | .7 | 83.8 | 89.3 | 91.2 | 94.2 | 95.3 | 96.6 | 97.3 | 98.0 | 98.5 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 200 | .7 | 83.8 | 89.3 | 91.2 | 94.2 | 95.3 | 96.8 | 97.6 | 98.4 | 98.9 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 100 | .7 | 83.8 | 89.3 | 91.2 | 94.2 | 95.3 | 96.8 | 97.9 | 98.6 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 01 | .7 | 83.8 | 89.3 | 91.2 | 94.2 | 95.3 | 96.8 | 97.9 | 98.6 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|
| | 1 | 1 1/8 | 1 1/4 | 1 1/2 | 1 3/4 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 4 1/2 | 5 | 5 1/2 | 6 | 6 1/2 | 7 |
| NO CEIL | 1 | .5 | 49.1 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| GE 20000 | 1 | .5 | 57.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| GE 18000 | 1 | .5 | 57.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| GE 16000 | 1 | .5 | 57.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| GE 14000 | 1 | .5 | 57.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| GE 12000 | 1 | .5 | 58.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| GE 10000 | 1 | .5 | 61.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| GE 9000 | 1 | .5 | 61.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| GE 8000 | 1 | .5 | 63.2 | 64.3 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| GE 7000 | 1 | .5 | 64.1 | 65.2 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 6000 | 1 | .5 | 64.9 | 66.0 | 66.3 | 66.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| GE 5000 | 1 | .5 | 67.0 | 68.3 | 68.9 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| GE 4500 | 1 | .5 | 67.3 | 68.5 | 69.2 | 69.5 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 4000 | 1 | .5 | 68.8 | 70.3 | 71.0 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 |
| GE 3500 | 1 | .5 | 71.8 | 73.3 | 74.0 | 74.6 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 |
| GE 3000 | 1 | .5 | 75.7 | 77.6 | 78.6 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 |
| GE 2500 | 1 | .5 | 77.6 | 80.1 | 81.2 | 82.1 | 82.3 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 |
| GE 2000 | 1 | .5 | 79.4 | 82.0 | 83.1 | 84.0 | 84.3 | 84.5 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 85.0 | 85.0 |
| GE 1800 | 1 | .5 | 79.7 | 82.5 | 83.6 | 84.5 | 84.8 | 85.0 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 |
| GE 1500 | 1 | .5 | 80.8 | 84.2 | 85.7 | 86.6 | 86.9 | 87.1 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 |
| GE 1200 | 1 | .5 | 82.7 | 86.2 | 87.8 | 88.7 | 89.1 | 89.2 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 |
| GE 1000 | 1 | .5 | 83.6 | 87.1 | 88.8 | 89.8 | 90.2 | 90.3 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 |
| GE 900 | 1 | .5 | 84.1 | 87.6 | 89.6 | 90.5 | 90.9 | 91.0 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 |
| GE 800 | 1 | .5 | 84.5 | 88.1 | 90.2 | 91.3 | 91.7 | 91.8 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 |
| GE 700 | 1 | .5 | 84.7 | 88.6 | 90.8 | 91.9 | 92.4 | 92.8 | 92.9 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 |
| GE 600 | 1 | .5 | 85.1 | 88.9 | 91.4 | 92.7 | 93.2 | 94.0 | 94.2 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 |
| GE 500 | 1 | .5 | 85.2 | 89.2 | 91.7 | 93.4 | 94.4 | 95.5 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.8 | 96.9 | 96.9 |
| GE 400 | 1 | .5 | 85.3 | 89.4 | 91.9 | 93.5 | 94.8 | 96.3 | 97.1 | 97.5 | 97.8 | 98.0 | 98.4 | 98.4 | 98.5 | 98.5 |
| GE 300 | 1 | .5 | 85.3 | 89.4 | 92.0 | 94.0 | 95.0 | 96.5 | 97.4 | 97.9 | 98.1 | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 |
| GE 200 | 1 | .5 | 85.3 | 89.4 | 92.0 | 94.0 | 95.0 | 96.6 | 97.5 | 98.0 | 98.4 | 98.6 | 98.6 | 99.0 | 99.3 | 99.3 |
| GE 100 | 1 | .5 | 85.3 | 89.4 | 92.0 | 94.0 | 95.0 | 96.6 | 97.9 | 98.4 | 98.8 | 99.0 | 99.1 | 99.6 | 99.9 | 100.0 |
| GE 0 | 1 | .5 | 85.3 | 89.4 | 92.0 | 94.0 | 95.0 | 96.6 | 97.9 | 98.4 | 98.8 | 99.0 | 99.1 | 99.6 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS: 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|-------------|-------------|---------|-------------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 1/2 | GE 3 1/4 | GE 3 | GE 2 1/2 | GE 2 1/4 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 |
| NO CEIL | | 51.6 | 52.4 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| GE 20000 | | 58.3 | 59.3 | 60.2 | 60.7 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 18000 | | 58.3 | 59.3 | 60.2 | 60.7 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 16000 | | 58.3 | 59.3 | 60.2 | 60.7 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 14000 | | 58.3 | 59.3 | 60.2 | 60.7 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 12000 | | 58.6 | 59.7 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| GE 10000 | | 60.2 | 61.3 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| GE 9000 | | 60.3 | 61.5 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| GE 8000 | | 61.7 | 63.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| GE 7000 | | 62.5 | 64.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| GE 6000 | | 63.0 | 64.7 | 65.7 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| GE 5000 | | 64.3 | 66.1 | 67.1 | 67.3 | 67.3 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| GE 4500 | | 64.6 | 66.6 | 67.6 | 67.8 | 67.8 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 4000 | | 66.5 | 68.6 | 69.6 | 69.8 | 69.8 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 3500 | | 68.0 | 70.2 | 71.3 | 71.6 | 71.6 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 3000 | | 71.6 | 73.8 | 75.1 | 75.6 | 75.6 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| GE 2500 | | 73.3 | 75.7 | 77.3 | 78.2 | 78.2 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE 2000 | | 76.0 | 78.5 | 80.2 | 81.5 | 81.7 | 82.1 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| GE 1800 | | 76.5 | 79.2 | 81.0 | 82.2 | 82.5 | 82.9 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 1500 | | 80.1 | 82.9 | 84.6 | 86.7 | 86.9 | 86.7 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 1200 | | 80.7 | 83.6 | 85.5 | 87.1 | 87.5 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 1000 | | 81.6 | 84.6 | 86.6 | 88.2 | 88.6 | 89.0 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 900 | | 81.6 | 84.7 | 86.7 | 88.4 | 88.7 | 89.1 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 800 | | 82.2 | 85.4 | 87.6 | 89.4 | 89.7 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 700 | | 83.0 | 86.1 | 88.4 | 90.1 | 90.6 | 91.2 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 600 | | 83.5 | 86.6 | 89.1 | 91.1 | 91.6 | 92.5 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 500 | | 83.7 | 87.2 | 90.1 | 92.4 | 92.9 | 93.9 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 400 | | 83.7 | 87.4 | 90.6 | 92.9 | 93.5 | 94.9 | 96.2 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 300 | | 83.7 | 87.5 | 90.7 | 93.2 | 93.9 | 95.5 | 97.6 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 200 | | 83.7 | 87.5 | 90.7 | 93.2 | 93.9 | 95.5 | 97.7 | 98.1 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 100 | | 83.7 | 87.5 | 90.7 | 93.2 | 93.9 | 95.5 | 98.1 | 98.5 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 0 | | 83.7 | 87.5 | 90.7 | 93.2 | 93.9 | 95.5 | 98.1 | 98.5 | 98.6 | 98.9 | 99.0 | 99.2 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722590 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|-----------|-----------|-----------|---------|-------------|-------------|-------------|---------|-------------|-------------|-------------|---------|-------------|-------------|-------------|---------|
| | GE 1 | GE 3/8 | GE 1/2 | GE 3/4 | GE 1 | GE 1 1/4 | GE 1 1/2 | GE 1 3/4 | GE 2 | GE 2 1/4 | GE 2 1/2 | GE 2 3/4 | GE 3 | GE 3 1/4 | GE 3 1/2 | GE 3 3/4 | GE 4 |
| NO CEIL | | 44.8 | 49.7 | 50.3 | 50.4 | 50.4 | 50.6 | 50.6 | 50.7 | 50.9 | 50.9 | 50.9 | 50.9 | 51.0 | 51.0 | 51.0 | 51.1 |
| GE 20000 | | 51.9 | 52.6 | 53.4 | 53.4 | 53.5 | 53.7 | 53.7 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 |
| GE 18000 | | 51.9 | 52.6 | 53.4 | 53.4 | 53.5 | 53.7 | 53.7 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 |
| GE 16000 | | 51.9 | 52.6 | 53.4 | 53.4 | 53.5 | 53.7 | 53.7 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 |
| GE 14000 | | 52.1 | 52.9 | 53.5 | 53.7 | 53.7 | 53.8 | 53.8 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 12000 | | 52.0 | 52.9 | 53.5 | 53.7 | 53.7 | 53.8 | 53.8 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 10000 | | 53.4 | 54.2 | 54.8 | 55.0 | 55.0 | 55.1 | 55.1 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 |
| GE 9000 | | 53.4 | 54.2 | 54.8 | 55.0 | 55.0 | 55.1 | 55.1 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 |
| GE 8000 | | 55.0 | 56.0 | 56.7 | 56.9 | 56.9 | 57.0 | 57.3 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 |
| GE 7000 | | 55.4 | 56.4 | 57.2 | 57.3 | 57.3 | 57.5 | 57.7 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 6000 | | 55.7 | 56.9 | 57.7 | 58.0 | 58.0 | 58.3 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 |
| GE 5000 | | 57.5 | 58.6 | 59.5 | 59.8 | 59.8 | 60.1 | 60.4 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 4500 | | 58.3 | 59.5 | 60.4 | 60.7 | 60.7 | 61.0 | 61.3 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 |
| GE 4000 | | 59.4 | 60.7 | 61.5 | 61.8 | 61.8 | 62.1 | 62.4 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 |
| GE 3500 | | 60.5 | 61.8 | 62.9 | 63.2 | 63.2 | 63.5 | 63.7 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.2 | 64.2 | 64.2 | 64.2 |
| GE 3000 | | 62.1 | 63.6 | 64.6 | 65.2 | 65.2 | 65.5 | 65.8 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 2500 | | 65.1 | 66.5 | 67.5 | 68.3 | 68.3 | 68.6 | 68.9 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 |
| GE 2000 | | 67.7 | 69.2 | 70.5 | 71.2 | 71.2 | 71.6 | 71.9 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 1800 | | 68.4 | 69.9 | 71.2 | 71.9 | 71.9 | 72.4 | 72.7 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 |
| GE 1600 | | 71.6 | 73.1 | 74.4 | 75.1 | 75.1 | 75.6 | 75.9 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 1400 | | 73.8 | 75.4 | 77.5 | 78.2 | 78.2 | 78.9 | 79.2 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 1200 | | 74.9 | 76.6 | 79.2 | 80.1 | 80.3 | 81.1 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 1000 | | 75.4 | 77.8 | 80.4 | 81.6 | 81.6 | 82.7 | 82.7 | 82.9 | 83.0 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 900 | | 76.3 | 78.8 | 81.6 | 82.7 | 82.7 | 83.6 | 83.9 | 84.1 | 84.2 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 800 | | 77.8 | 80.6 | 83.3 | 84.5 | 84.5 | 85.4 | 85.8 | 86.0 | 86.1 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 700 | | 79.4 | 82.6 | 85.7 | 86.8 | 86.8 | 88.2 | 89.0 | 89.2 | 89.3 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 600 | | 80.4 | 84.2 | 87.7 | 89.2 | 89.2 | 90.8 | 91.7 | 91.8 | 92.0 | 92.1 | 92.1 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 500 | | 81.3 | 85.4 | 89.3 | 91.5 | 91.7 | 93.4 | 94.3 | 94.4 | 94.6 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 400 | | 81.4 | 85.7 | 89.9 | 92.1 | 92.3 | 94.6 | 96.3 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 300 | | 81.6 | 85.8 | 90.2 | 92.4 | 92.5 | 94.9 | 96.6 | 97.1 | 97.4 | 97.5 | 97.5 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 200 | | 81.6 | 85.8 | 90.2 | 92.4 | 92.5 | 94.9 | 96.6 | 97.2 | 97.5 | 97.7 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 100 | | 81.6 | 85.8 | 90.2 | 92.4 | 92.5 | 94.9 | 96.6 | 97.2 | 97.5 | 97.7 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 0 | | 81.6 | 85.8 | 90.2 | 92.4 | 92.5 | 94.9 | 96.6 | 97.2 | 97.5 | 97.7 | 97.7 | 97.7 | 98.1 | 98.1 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 684

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722190 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): ALL

| CEILING IN FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | | | | | 1 | 1/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
|-----------------------|---|-----------------------------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|------|-------|-------|
| | | GE | GE | GE | GE | GE | GE | GE | GE | GE | GE | | | | | | | |
| FEET | 1 | 10 | 5 | 4 | 3 | 2 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 1 | 1 | 1/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| NO CEIL | 1 | .2 | 43.8 | 45.1 | 45.8 | 46.1 | 46.1 | 46.3 | 46.4 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.6 | 46.6 | 46.7 | 46.8 |
| GE 20000 | 1 | .2 | 48.5 | 50.0 | 50.7 | 51.1 | 51.1 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.7 | 51.8 |
| GE 18000 | 1 | .2 | 48.5 | 50.0 | 50.7 | 51.1 | 51.1 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.7 | 51.8 | 51.9 |
| GE 16000 | 1 | .2 | 48.5 | 50.0 | 50.7 | 51.1 | 51.1 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.7 | 51.8 | 51.9 |
| GE 14000 | 1 | .2 | 48.5 | 50.0 | 50.7 | 51.1 | 51.1 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 | 51.7 | 51.8 | 51.9 |
| GE 12000 | 1 | .2 | 49.0 | 50.6 | 51.4 | 51.7 | 51.8 | 52.0 | 52.1 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.5 |
| GE 10000 | 1 | .2 | 50.7 | 52.3 | 53.2 | 53.6 | 53.6 | 53.9 | 54.0 | 54.0 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 | 54.4 |
| GE 9000 | 1 | .2 | 51.0 | 52.6 | 53.5 | 53.9 | 53.9 | 54.1 | 54.2 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.6 | 54.7 |
| GE 8000 | 1 | .2 | 53.1 | 54.8 | 55.7 | 56.2 | 56.2 | 56.5 | 56.6 | 56.7 | 56.7 | 56.8 | 56.8 | 56.9 | 56.9 | 57.0 | 57.1 | 57.2 |
| GE 7000 | 1 | .2 | 53.6 | 55.4 | 56.3 | 56.8 | 56.8 | 57.1 | 57.2 | 57.3 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 | 57.7 |
| GE 6000 | 1 | .2 | 54.2 | 56.0 | 57.0 | 57.6 | 57.6 | 57.9 | 58.1 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.5 |
| GE 5000 | 1 | .2 | 55.9 | 57.8 | 58.8 | 59.4 | 59.5 | 59.8 | 59.9 | 60.0 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.3 | 60.4 |
| GE 4500 | 1 | .2 | 56.7 | 58.6 | 59.6 | 60.2 | 60.3 | 60.6 | 60.7 | 60.8 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.1 | 61.2 |
| GE 4000 | 1 | .2 | 58.0 | 60.1 | 61.2 | 61.9 | 61.9 | 62.3 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 | 62.9 |
| GE 3500 | 1 | .2 | 59.5 | 61.6 | 62.8 | 63.5 | 63.5 | 63.9 | 64.0 | 64.1 | 64.1 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.4 | 64.5 |
| GE 3000 | 1 | .2 | 61.9 | 64.3 | 65.5 | 66.4 | 66.4 | 66.8 | 67.0 | 67.0 | 67.1 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.4 | 67.5 |
| GE 2500 | 1 | .2 | 63.7 | 66.3 | 67.8 | 68.7 | 68.8 | 69.1 | 69.3 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.8 | 69.8 |
| GE 2000 | 1 | .2 | 66.1 | 68.8 | 70.4 | 71.5 | 71.6 | 72.0 | 72.3 | 72.4 | 72.5 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.8 | 72.9 |
| GE 1800 | 1 | .2 | 66.9 | 69.6 | 71.2 | 72.3 | 72.4 | 72.9 | 73.2 | 73.3 | 73.4 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.8 |
| GE 1500 | 1 | .2 | 69.4 | 72.4 | 74.1 | 75.1 | 75.5 | 75.9 | 76.2 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.8 | 76.8 |
| GE 1200 | 1 | .2 | 71.5 | 74.9 | 76.9 | 78.2 | 78.5 | 79.0 | 79.3 | 79.4 | 79.5 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.9 |
| GE 1000 | 1 | .2 | 73.1 | 76.8 | 79.2 | 80.7 | 81.0 | 81.6 | 81.9 | 82.0 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.5 | 82.6 |
| GE 900 | 1 | .2 | 73.8 | 77.8 | 80.4 | 82.1 | 82.4 | 83.0 | 83.3 | 83.5 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 84.0 |
| GE 800 | 1 | .2 | 74.5 | 78.6 | 81.6 | 83.4 | 83.7 | 84.5 | 84.9 | 85.1 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.6 |
| GE 700 | 1 | .2 | 75.3 | 80.0 | 82.8 | 84.9 | 85.3 | 86.1 | 86.6 | 86.7 | 86.8 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.2 | 87.3 |
| GE 600 | 1 | .2 | 76.1 | 81.1 | 84.3 | 86.6 | 87.0 | 87.8 | 88.6 | 89.0 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.6 |
| GE 500 | 1 | .2 | 76.8 | 82.3 | 85.8 | 88.6 | 89.3 | 90.9 | 91.7 | 92.0 | 92.2 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.8 |
| GE 400 | 1 | .2 | 77.1 | 82.9 | 86.6 | 89.4 | 90.7 | 92.5 | 93.5 | 93.9 | 94.2 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.9 | 95.0 |
| GE 300 | 1 | .2 | 77.2 | 83.0 | 86.8 | 90.3 | 91.2 | 93.2 | 94.7 | 95.2 | 95.7 | 96.2 | 96.3 | 96.5 | 96.5 | 96.6 | 96.8 | 97.1 |
| GE 200 | 1 | .2 | 77.2 | 83.1 | 86.8 | 90.3 | 91.3 | 93.4 | 95.0 | 95.6 | 96.4 | 97.1 | 97.2 | 97.6 | 98.0 | 98.4 | 98.8 | 98.8 |
| GE 100 | 1 | .2 | 77.2 | 83.1 | 86.8 | 90.3 | 91.3 | 93.4 | 95.2 | 95.8 | 96.6 | 97.3 | 97.5 | 97.9 | 98.4 | 99.1 | 100.0 | 100.0 |
| GE 01 | 1 | .2 | 77.2 | 83.1 | 86.8 | 90.3 | 91.3 | 93.4 | 95.2 | 95.8 | 96.6 | 97.3 | 97.5 | 97.9 | 98.4 | 99.1 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 5777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: DEC HOURS(1ST): 0000-0200

| CEILING IN FEET | 1 | VISIBILITY IN STATUTE MILES | | | | | | | | | | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
|-----------------------|---|-----------------------------|------|------|------|------|----------|------|----------|----------|------|------|------|------|------|------|-------|------|
| | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | | | | | | | |
| NO CEIL | 1 | .5 | 46.4 | 47.1 | 47.5 | 47.5 | 47.5 | 47.5 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 48.0 | 48.0 | 48.2 | 48.4 | |
| GE 20000 | 1 | .5 | 48.6 | 49.5 | 49.8 | 49.8 | 49.8 | 49.8 | 50.0 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.4 | 50.4 | 50.5 | 50.7 |
| GE 18000 | 1 | .5 | 48.6 | 49.5 | 49.8 | 49.8 | 49.8 | 49.8 | 50.0 | 50.2 | 50.2 | 50.2 | 50.2 | 50.4 | 50.4 | 50.5 | 50.7 | |
| GE 16000 | 1 | .5 | 48.6 | 49.5 | 49.8 | 49.8 | 49.8 | 49.8 | 50.0 | 50.2 | 50.2 | 50.2 | 50.2 | 50.4 | 50.4 | 50.5 | 50.7 | |
| GE 14000 | 1 | .5 | 48.6 | 49.5 | 49.8 | 49.8 | 49.8 | 49.8 | 50.0 | 50.2 | 50.2 | 50.2 | 50.2 | 50.4 | 50.4 | 50.5 | 50.7 | |
| GE 12000 | 1 | .5 | 49.6 | 50.5 | 50.9 | 51.1 | 51.1 | 51.1 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.6 | 51.6 | 51.8 | 52.0 | |
| GE 10000 | 1 | .5 | 51.4 | 52.5 | 52.9 | 53.0 | 53.0 | 53.0 | 53.2 | 53.4 | 53.4 | 53.4 | 53.4 | 53.6 | 53.6 | 53.8 | 53.9 | |
| GE 9000 | 1 | .5 | 51.6 | 52.7 | 53.0 | 53.2 | 53.2 | 53.2 | 53.4 | 53.6 | 53.6 | 53.6 | 53.6 | 53.8 | 53.8 | 53.9 | 54.1 | |
| GE 8000 | 1 | .5 | 51.6 | 52.7 | 53.0 | 53.2 | 53.2 | 53.2 | 53.4 | 53.6 | 53.6 | 53.6 | 53.6 | 53.8 | 53.8 | 53.9 | 54.1 | |
| GE 7000 | 1 | .5 | 51.8 | 52.9 | 53.2 | 53.4 | 53.4 | 53.4 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 54.1 | 54.3 | |
| GE 6000 | 1 | .5 | 53.0 | 54.1 | 54.5 | 54.7 | 54.7 | 54.7 | 54.8 | 55.0 | 55.0 | 55.0 | 55.0 | 55.2 | 55.2 | 55.4 | 55.6 | |
| GE 5000 | 1 | .5 | 55.0 | 56.3 | 56.6 | 56.8 | 56.8 | 56.8 | 57.0 | 57.2 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.5 | 57.7 | |
| GE 4500 | 1 | .5 | 57.3 | 58.6 | 59.0 | 59.1 | 59.1 | 59.1 | 59.3 | 59.5 | 59.5 | 59.5 | 59.7 | 59.7 | 59.9 | 60.0 | 60.2 | |
| GE 4000 | 1 | .5 | 58.4 | 59.7 | 60.0 | 60.2 | 60.2 | 60.2 | 60.4 | 60.6 | 60.6 | 60.6 | 60.8 | 60.8 | 60.9 | 61.1 | 61.3 | |
| GE 3500 | 1 | .5 | 58.6 | 59.9 | 60.2 | 60.4 | 60.4 | 60.4 | 60.6 | 60.8 | 60.8 | 60.8 | 61.1 | 61.1 | 61.3 | 61.5 | 61.6 | |
| GE 3000 | 1 | .5 | 59.5 | 60.8 | 61.3 | 61.6 | 61.6 | 61.6 | 62.0 | 62.2 | 62.2 | 62.2 | 62.4 | 62.4 | 62.5 | 62.7 | 62.9 | |
| GE 2500 | 1 | .5 | 60.9 | 62.2 | 62.7 | 63.1 | 63.1 | 63.1 | 63.4 | 63.6 | 63.6 | 63.6 | 63.8 | 63.8 | 64.0 | 64.2 | 64.3 | |
| GE 2000 | 1 | .5 | 63.8 | 65.1 | 65.6 | 65.9 | 65.9 | 65.9 | 66.3 | 66.5 | 66.5 | 66.5 | 66.7 | 66.7 | 66.8 | 67.0 | 67.2 | |
| GE 1800 | 1 | .5 | 65.2 | 66.7 | 67.2 | 67.6 | 67.6 | 67.6 | 67.9 | 68.1 | 68.1 | 68.1 | 68.3 | 68.3 | 68.5 | 68.6 | 68.8 | |
| GE 1500 | 1 | .5 | 68.1 | 69.5 | 70.1 | 70.4 | 70.4 | 70.4 | 70.8 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.3 | 71.5 | 71.7 | |
| GE 1200 | 1 | .5 | 71.7 | 73.1 | 73.8 | 74.2 | 74.2 | 74.2 | 74.6 | 74.7 | 74.7 | 74.7 | 74.9 | 74.9 | 75.1 | 75.3 | 75.4 | |
| GE 1000 | 1 | .5 | 73.3 | 74.7 | 75.6 | 76.3 | 76.3 | 76.3 | 76.7 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.2 | 77.4 | 77.6 | |
| GE 900 | 1 | .5 | 74.6 | 76.3 | 77.2 | 78.1 | 78.1 | 78.1 | 78.5 | 78.7 | 78.7 | 78.7 | 78.9 | 78.9 | 79.0 | 79.2 | 79.4 | |
| GE 800 | 1 | .5 | 75.8 | 77.6 | 78.5 | 79.6 | 79.6 | 79.6 | 79.9 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.5 | 80.6 | 80.8 | |
| GE 700 | 1 | .5 | 77.8 | 79.9 | 81.2 | 82.3 | 82.4 | 82.4 | 83.0 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.5 | 83.7 | 83.9 | |
| GE 600 | 1 | .5 | 79.2 | 81.9 | 84.2 | 85.7 | 85.8 | 85.8 | 86.4 | 86.6 | 86.7 | 86.9 | 86.9 | 87.1 | 87.1 | 87.3 | 87.5 | |
| GE 500 | 1 | .5 | 79.9 | 82.8 | 85.5 | 87.3 | 87.5 | 87.5 | 88.0 | 88.2 | 88.9 | 89.1 | 89.1 | 89.2 | 89.2 | 89.4 | 89.6 | |
| GE 400 | 1 | .5 | 80.1 | 83.5 | 87.1 | 89.6 | 90.1 | 90.5 | 91.2 | 91.6 | 92.3 | 92.5 | 92.5 | 92.7 | 92.7 | 92.8 | 93.0 | |
| GE 300 | 1 | .5 | 80.1 | 83.9 | 88.0 | 91.2 | 91.8 | 92.5 | 93.9 | 94.3 | 95.2 | 95.6 | 95.5 | 95.7 | 95.7 | 95.9 | 96.1 | |
| GE 200 | 1 | .5 | 80.1 | 83.9 | 88.2 | 91.9 | 92.7 | 93.4 | 94.8 | 95.2 | 96.6 | 97.7 | 97.7 | 98.2 | 98.6 | 99.3 | 99.8 | |
| GE 100 | 1 | .5 | 80.1 | 83.9 | 88.2 | 91.9 | 92.7 | 93.4 | 94.8 | 95.2 | 96.6 | 97.7 | 97.7 | 98.2 | 98.6 | 99.3 | 99.8 | |
| GE 0 | 1 | .5 | 80.1 | 83.9 | 88.2 | 91.9 | 92.7 | 93.4 | 94.8 | 95.2 | 96.6 | 97.7 | 97.7 | 98.2 | 98.6 | 99.3 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-86
MONTH: DEC HOURS: 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|------|-------|
| | 1 10 | 6 | 5 | 4 | 3 | 2 | 1 1/2 | 2 | 1 1/2 | 1 1/4 | 1 | 3/4 | 5/8 | 1/2 | 5/16 | 1/4 | 0 |
| NO CEIL | .2 | 43.2 | 44.1 | 44.1 | 44.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 45.2 | 45.2 | 45.3 | 45.7 |
| GE 20000 | .2 | 46.1 | 47.0 | 47.0 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 48.2 | 48.2 | 48.4 | 48.7 |
| GE 18000 | .2 | 46.1 | 47.0 | 47.0 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 48.2 | 48.2 | 48.4 | 48.7 |
| GE 16000 | .2 | 46.1 | 47.0 | 47.0 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 48.2 | 48.2 | 48.4 | 48.7 |
| GE 14000 | .2 | 46.1 | 47.0 | 47.0 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 48.2 | 48.2 | 48.4 | 48.7 |
| GE 12000 | .2 | 46.6 | 47.5 | 47.5 | 48.0 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.7 | 48.7 | 48.9 | 49.3 |
| GE 10000 | .2 | 48.2 | 49.1 | 49.1 | 49.8 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.5 | 50.5 | 50.7 | 51.1 |
| GE 9000 | .2 | 48.9 | 49.8 | 49.8 | 50.5 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 51.3 | 51.3 | 51.4 | 51.8 |
| GE 8000 | .2 | 49.1 | 50.0 | 50.0 | 50.7 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 51.4 | 51.4 | 51.6 | 52.0 |
| GE 7000 | .2 | 49.3 | 50.2 | 50.2 | 50.9 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.8 | 51.8 | 52.0 | 52.3 |
| GE 6000 | .2 | 50.0 | 50.9 | 50.9 | 51.6 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 52.0 | 52.0 | 52.5 | 52.5 | 52.7 | 53.0 |
| GE 5000 | .2 | 51.8 | 52.7 | 52.7 | 53.4 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.8 | 53.8 | 54.3 | 54.3 | 54.5 | 54.8 |
| GE 4500 | .2 | 53.9 | 54.8 | 54.8 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.9 | 55.9 | 56.5 | 56.5 | 56.6 | 57.0 |
| GE 4000 | .2 | 55.2 | 56.3 | 56.3 | 57.0 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.9 | 57.9 | 58.1 | 58.4 |
| GE 3500 | .2 | 56.3 | 57.3 | 57.3 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.4 | 58.4 | 59.0 | 59.0 | 59.1 | 59.5 |
| GE 3000 | .2 | 57.3 | 58.6 | 58.6 | 59.3 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.7 | 59.7 | 60.2 | 60.2 | 60.4 | 60.8 |
| GE 2500 | .2 | 59.3 | 60.6 | 60.6 | 61.5 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 62.0 | 62.0 | 62.5 | 62.5 | 62.7 | 63.1 |
| GE 2000 | .2 | 61.6 | 63.1 | 63.1 | 64.0 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.5 | 64.5 | 65.1 | 65.1 | 65.2 | 65.6 |
| GE 1800 | .2 | 62.5 | 64.0 | 64.2 | 65.1 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 66.1 | 66.1 | 66.3 | 66.7 |
| GE 1500 | .2 | 64.7 | 66.7 | 66.8 | 67.7 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.3 | 68.3 | 68.8 | 68.8 | 69.0 | 69.4 |
| GE 1200 | .2 | 67.2 | 69.5 | 69.9 | 70.8 | 71.0 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.5 | 71.5 | 72.0 | 72.0 | 72.2 | 72.6 |
| GE 1000 | .2 | 68.5 | 70.8 | 71.1 | 72.0 | 72.2 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.8 | 72.8 | 73.3 | 73.3 | 73.5 | 73.8 |
| GE 900 | .2 | 69.4 | 72.0 | 72.4 | 73.7 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.4 | 74.4 | 74.9 | 74.9 | 75.1 | 75.4 |
| GE 800 | .2 | 70.6 | 73.3 | 73.8 | 75.1 | 75.3 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 76.3 | 76.3 | 76.5 | 76.9 |
| GE 700 | .2 | 72.4 | 75.4 | 76.2 | 78.0 | 78.5 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.6 | 79.6 | 79.7 | 80.1 |
| GE 600 | .2 | 73.5 | 76.9 | 77.8 | 81.2 | 81.9 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 83.0 | 83.0 | 83.2 | 83.5 |
| GE 500 | .2 | 74.2 | 78.0 | 79.6 | 83.7 | 84.4 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 85.5 | 85.5 | 85.7 | 86.0 |
| GE 400 | .2 | 74.9 | 79.6 | 81.9 | 88.0 | 88.7 | 89.1 | 89.8 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 | 90.5 | 90.5 | 90.7 | 91.0 |
| GE 300 | .2 | 76.0 | 80.6 | 83.3 | 89.6 | 91.6 | 92.7 | 93.9 | 93.9 | 93.9 | 94.1 | 94.6 | 94.6 | 95.2 | 95.2 | 95.5 | 96.1 |
| GE 200 | .2 | 76.2 | 80.8 | 83.7 | 90.3 | 92.1 | 93.2 | 94.8 | 94.8 | 94.8 | 95.2 | 95.7 | 95.9 | 97.0 | 97.5 | 98.2 | 99.3 |
| GE 100 | .2 | 76.2 | 80.8 | 83.7 | 90.3 | 92.1 | 93.2 | 94.8 | 94.8 | 94.8 | 95.2 | 95.7 | 95.9 | 97.0 | 97.5 | 98.4 | 99.5 |
| GE 0 | .2 | 76.2 | 80.8 | 83.7 | 90.3 | 92.1 | 93.2 | 94.8 | 94.8 | 94.8 | 95.2 | 95.7 | 95.9 | 97.0 | 97.5 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0600-0800

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|---|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| IN FEET | | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 1 | .6 | 36.3 | 38.2 | 39.9 | 41.5 | 42.0 | 42.8 | 43.4 | 43.4 | 43.5 | 43.7 | 43.7 | 43.8 | 44.1 | 44.1 | 44.9 |
| GE 20000 | 1 | .6 | 38.8 | 41.0 | 42.8 | 44.6 | 45.1 | 46.0 | 46.6 | 46.6 | 46.7 | 46.8 | 46.8 | 46.9 | 47.3 | 47.3 | 48.0 |
| GE 18000 | 1 | .6 | 39.0 | 41.1 | 42.9 | 44.9 | 45.2 | 46.1 | 46.7 | 46.7 | 46.8 | 46.9 | 46.9 | 47.0 | 47.4 | 47.4 | 48.1 |
| GE 16000 | 1 | .6 | 39.0 | 41.1 | 42.9 | 44.8 | 45.2 | 46.1 | 46.7 | 46.7 | 46.8 | 46.9 | 46.9 | 47.0 | 47.4 | 47.4 | 48.1 |
| GE 14000 | 1 | .6 | 39.3 | 41.5 | 43.3 | 45.1 | 45.6 | 46.4 | 47.0 | 47.0 | 47.2 | 47.3 | 47.3 | 47.4 | 47.8 | 47.8 | 48.5 |
| GE 12000 | 1 | .6 | 40.4 | 42.6 | 44.4 | 46.2 | 46.7 | 47.5 | 48.1 | 48.1 | 48.3 | 48.4 | 48.4 | 48.5 | 48.9 | 48.9 | 49.6 |
| GE 10000 | 1 | .6 | 42.8 | 45.2 | 47.0 | 48.9 | 49.3 | 50.2 | 50.8 | 50.8 | 50.9 | 51.0 | 51.0 | 51.1 | 51.5 | 51.5 | 52.2 |
| GE 9000 | 1 | .6 | 43.4 | 45.8 | 47.6 | 49.5 | 49.9 | 50.8 | 51.4 | 51.4 | 51.5 | 51.6 | 51.6 | 51.7 | 52.1 | 52.1 | 52.8 |
| GE 8000 | 1 | .6 | 45.0 | 47.4 | 49.2 | 51.0 | 51.5 | 52.4 | 53.0 | 53.0 | 53.1 | 53.2 | 53.2 | 53.3 | 53.7 | 53.7 | 54.4 |
| GE 7000 | 1 | .6 | 46.2 | 48.6 | 50.4 | 52.2 | 52.7 | 53.6 | 54.2 | 54.2 | 54.3 | 54.4 | 54.4 | 54.5 | 54.9 | 54.9 | 55.6 |
| GE 6000 | 1 | .6 | 46.8 | 49.2 | 51.0 | 52.8 | 53.3 | 54.2 | 54.8 | 54.8 | 54.9 | 55.0 | 55.0 | 55.1 | 55.5 | 55.5 | 56.2 |
| GE 5000 | 1 | .6 | 48.6 | 51.0 | 52.8 | 54.9 | 55.4 | 56.2 | 56.8 | 56.8 | 57.1 | 57.2 | 57.2 | 57.3 | 57.7 | 57.7 | 58.4 |
| GE 4500 | 1 | .6 | 49.7 | 52.1 | 53.9 | 56.0 | 56.5 | 57.3 | 57.9 | 57.9 | 58.1 | 58.3 | 58.3 | 58.4 | 58.7 | 58.7 | 59.5 |
| GE 4000 | 1 | .6 | 52.1 | 55.0 | 56.8 | 58.9 | 59.3 | 60.2 | 60.8 | 60.8 | 61.0 | 61.2 | 61.2 | 61.3 | 61.6 | 61.6 | 62.4 |
| GE 3500 | 1 | .6 | 53.0 | 56.0 | 57.9 | 60.1 | 60.6 | 61.4 | 62.0 | 62.0 | 62.2 | 62.4 | 62.4 | 62.5 | 62.8 | 62.8 | 63.6 |
| GE 3000 | 1 | .6 | 54.4 | 57.4 | 59.3 | 61.5 | 62.0 | 62.8 | 63.4 | 63.4 | 63.7 | 63.8 | 63.8 | 63.9 | 64.3 | 64.3 | 65.0 |
| GE 2500 | 1 | .6 | 56.0 | 59.0 | 61.0 | 63.3 | 63.8 | 64.7 | 65.3 | 65.3 | 65.5 | 65.6 | 65.6 | 65.7 | 66.1 | 66.1 | 66.8 |
| GE 2000 | 1 | .6 | 58.0 | 61.2 | 63.2 | 65.6 | 66.2 | 67.1 | 67.7 | 67.7 | 67.9 | 68.0 | 68.0 | 68.2 | 68.5 | 68.5 | 69.2 |
| GE 1800 | 1 | .6 | 58.4 | 61.5 | 63.6 | 66.1 | 66.7 | 67.6 | 68.2 | 68.2 | 68.4 | 68.5 | 68.5 | 68.6 | 69.0 | 69.0 | 69.7 |
| GE 1500 | 1 | .6 | 60.1 | 63.6 | 65.6 | 68.3 | 68.9 | 69.7 | 70.3 | 70.3 | 70.6 | 70.7 | 70.7 | 70.8 | 71.2 | 71.2 | 71.9 |
| GE 1200 | 1 | .6 | 61.9 | 65.6 | 67.8 | 70.8 | 71.7 | 72.6 | 73.2 | 73.2 | 73.5 | 73.6 | 73.6 | 73.7 | 74.1 | 74.1 | 74.8 |
| GE 1000 | 1 | .6 | 63.4 | 67.9 | 70.2 | 73.3 | 74.2 | 75.2 | 75.8 | 75.8 | 76.0 | 76.1 | 76.1 | 76.2 | 76.6 | 76.6 | 77.3 |
| GE 900 | 1 | .6 | 64.2 | 69.0 | 71.5 | 74.8 | 75.6 | 76.6 | 77.2 | 77.2 | 77.4 | 77.6 | 77.6 | 77.7 | 78.0 | 78.0 | 78.8 |
| GE 800 | 1 | .6 | 64.4 | 69.4 | 71.9 | 75.4 | 76.2 | 77.4 | 78.3 | 78.3 | 78.6 | 78.8 | 78.8 | 78.9 | 79.3 | 79.3 | 80.0 |
| GE 700 | 1 | .6 | 65.0 | 70.1 | 73.3 | 77.0 | 77.8 | 79.3 | 80.1 | 80.1 | 80.5 | 80.6 | 80.6 | 80.7 | 81.1 | 81.1 | 81.8 |
| GE 600 | 1 | .6 | 65.5 | 71.7 | 75.0 | 79.1 | 80.1 | 81.8 | 82.9 | 82.9 | 83.4 | 83.5 | 83.5 | 83.7 | 84.1 | 84.1 | 84.9 |
| GE 500 | 1 | .6 | 65.6 | 71.9 | 75.4 | 80.0 | 81.3 | 83.7 | 84.9 | 84.9 | 85.5 | 85.6 | 85.8 | 86.0 | 86.4 | 86.4 | 87.2 |
| GE 400 | 1 | .6 | 66.3 | 73.0 | 76.8 | 81.5 | 82.9 | 85.9 | 87.3 | 87.5 | 88.1 | 88.2 | 88.3 | 88.7 | 89.0 | 89.1 | 90.1 |
| GE 300 | 1 | .6 | 66.5 | 73.1 | 77.2 | 82.1 | 83.5 | 86.7 | 88.9 | 89.1 | 90.1 | 90.2 | 90.3 | 90.8 | 91.3 | 91.6 | 93.4 |
| GE 200 | 1 | .6 | 66.5 | 73.1 | 77.2 | 82.4 | 83.7 | 87.1 | 89.6 | 90.6 | 92.2 | 92.5 | 92.9 | 94.7 | 95.7 | 96.7 | 98.8 |
| GE 100 | 1 | .6 | 66.5 | 73.1 | 77.2 | 82.4 | 83.7 | 87.2 | 89.7 | 90.7 | 92.3 | 92.6 | 93.0 | 94.9 | 96.3 | 97.5 | 99.9 |
| GE 0 | 1 | .6 | 66.5 | 73.1 | 77.2 | 82.4 | 83.7 | 87.2 | 89.7 | 90.7 | 92.3 | 92.6 | 93.0 | 94.9 | 96.3 | 97.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 829

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .2 | 41.7 | 42.3 | 42.4 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.7 | 42.7 | 42.7 | 42.9 | 42.9 | 42.9 | 43.1 |
| GE 20000 | .2 | 46.0 | 46.8 | 47.0 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.2 | 47.2 | 47.2 | 47.4 | 47.4 | 47.4 | 47.7 |
| GE 18000 | .2 | 46.6 | 47.4 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.8 | 47.8 | 47.8 | 48.0 | 48.0 | 48.0 | 48.3 |
| GE 16000 | .2 | 46.8 | 47.7 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 48.0 | 48.0 | 48.0 | 48.3 | 48.3 | 48.3 | 48.5 |
| GE 14000 | .2 | 47.6 | 48.4 | 48.5 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 49.0 | 49.0 | 49.0 | 49.2 |
| GE 12000 | .2 | 48.4 | 49.2 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.9 | 49.9 | 49.9 | 50.2 |
| GE 10000 | .2 | 49.9 | 50.8 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.3 | 51.3 | 51.3 | 51.5 | 51.5 | 51.5 | 51.7 |
| GE 9000 | .2 | 50.2 | 51.0 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.7 | 51.7 | 51.7 | 52.0 |
| GE 8000 | .2 | 53.2 | 54.0 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.7 | 54.7 | 54.7 | 55.0 |
| GE 7000 | .2 | 54.5 | 55.4 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 56.2 | 56.2 | 56.2 | 56.4 |
| GE 6000 | .2 | 55.8 | 56.9 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.6 | 57.6 | 57.6 | 57.8 |
| GE 5000 | .2 | 57.5 | 58.5 | 58.9 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.6 | 59.6 | 59.6 | 59.9 |
| GE 4500 | .2 | 58.4 | 59.6 | 60.0 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.5 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.9 |
| GE 4000 | .2 | 60.2 | 62.0 | 62.5 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 | 63.6 |
| GE 3500 | .2 | 61.5 | 63.3 | 63.8 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.6 | 64.6 | 64.6 | 64.9 |
| GE 3000 | .2 | 62.5 | 64.4 | 64.9 | 65.5 | 65.6 | 65.6 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 66.1 | 66.1 | 66.1 | 66.3 |
| GE 2500 | .2 | 65.1 | 67.4 | 67.9 | 68.5 | 68.6 | 68.6 | 68.6 | 68.7 | 68.8 | 68.8 | 68.8 | 69.1 | 69.1 | 69.1 | 69.3 |
| GE 2000 | .2 | 66.7 | 68.9 | 69.4 | 70.3 | 70.4 | 70.4 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 71.1 |
| GE 1800 | .2 | 66.8 | 69.1 | 69.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 71.1 | 71.1 | 71.1 | 71.3 |
| GE 1500 | .2 | 69.8 | 72.4 | 73.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.4 | 74.6 | 74.6 | 74.6 | 74.8 | 74.8 | 74.8 | 75.0 |
| GE 1200 | .2 | 72.4 | 75.6 | 76.3 | 77.5 | 77.7 | 77.9 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.4 | 78.4 | 78.4 | 78.6 |
| GE 1000 | .2 | 73.6 | 77.1 | 78.4 | 79.7 | 79.8 | 80.0 | 80.0 | 80.2 | 80.3 | 80.3 | 80.3 | 80.5 | 80.5 | 80.5 | 80.8 |
| GE 900 | .2 | 74.2 | 78.1 | 79.7 | 81.4 | 81.5 | 81.8 | 81.8 | 82.0 | 82.1 | 82.1 | 82.1 | 82.3 | 82.3 | 82.3 | 82.6 |
| GE 800 | .2 | 74.4 | 78.6 | 80.4 | 82.1 | 82.6 | 83.4 | 83.5 | 83.6 | 83.8 | 83.8 | 83.8 | 84.0 | 84.0 | 84.0 | 84.2 |
| GE 700 | .2 | 75.3 | 79.6 | 81.6 | 83.9 | 84.6 | 85.7 | 85.8 | 85.9 | 86.1 | 86.1 | 86.1 | 86.4 | 86.4 | 86.4 | 86.6 |
| GE 600 | .2 | 75.5 | 80.2 | 82.3 | 85.3 | 86.1 | 87.8 | 88.3 | 88.5 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.2 |
| GE 500 | .2 | 76.0 | 80.9 | 83.3 | 87.0 | 88.1 | 90.3 | 91.2 | 91.6 | 91.9 | 92.0 | 92.0 | 92.4 | 92.4 | 92.4 | 92.6 |
| GE 400 | .2 | 76.0 | 81.2 | 83.9 | 88.6 | 90.0 | 93.0 | 94.3 | 94.7 | 95.3 | 95.5 | 95.5 | 95.8 | 95.9 | 96.1 | 96.3 |
| GE 300 | .2 | 76.0 | 81.2 | 84.0 | 89.0 | 90.8 | 94.0 | 95.6 | 96.2 | 96.9 | 97.0 | 97.0 | 97.4 | 97.6 | 97.8 | 98.1 |
| GE 200 | .2 | 76.0 | 81.2 | 84.0 | 89.0 | 90.8 | 94.0 | 95.7 | 96.3 | 97.3 | 97.4 | 97.5 | 98.1 | 98.6 | 98.9 | 99.5 |
| GE 100 | .2 | 76.0 | 81.2 | 84.0 | 89.0 | 90.8 | 94.0 | 95.7 | 96.3 | 97.3 | 97.4 | 97.6 | 98.2 | 98.9 | 99.3 | 100.0 |
| GE 0 | .2 | 76.0 | 81.2 | 84.0 | 89.0 | 90.8 | 94.0 | 95.7 | 96.3 | 97.3 | 97.4 | 97.6 | 98.2 | 98.9 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .4 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| GE 20000 | .4 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 18000 | .4 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| GE 16000 | .4 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| GE 14000 | .4 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| GE 12000 | .4 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 10000 | .4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| GE 9000 | .4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| GE 8000 | .4 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| GE 7000 | .4 | 61.7 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 6000 | .4 | 62.7 | 63.0 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| GE 5000 | .4 | 63.9 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 4500 | .4 | 65.0 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 4000 | .4 | 66.8 | 67.5 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 3500 | .4 | 68.1 | 69.2 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 3000 | .4 | 70.9 | 72.0 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 2500 | .4 | 74.2 | 75.4 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 2000 | .4 | 76.9 | 78.3 | 79.1 | 79.3 | 79.3 | 79.3 | 79.3 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| GE 1800 | .4 | 77.7 | 79.0 | 79.8 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 1500 | .4 | 79.1 | 80.8 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| GE 1200 | .4 | 80.8 | 82.9 | 84.2 | 84.5 | 84.5 | 84.5 | 84.5 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| GE 1000 | .4 | 81.4 | 83.7 | 85.1 | 85.7 | 85.7 | 86.0 | 86.2 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 900 | .4 | 82.1 | 84.7 | 86.1 | 86.8 | 87.1 | 87.3 | 87.7 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 800 | .4 | 82.7 | 86.1 | 87.7 | 88.4 | 88.8 | 89.3 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 700 | .4 | 83.5 | 87.4 | 90.0 | 91.1 | 91.9 | 92.5 | 93.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 600 | .4 | 84.1 | 88.2 | 90.8 | 92.4 | 93.5 | 94.2 | 95.0 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 500 | .4 | 84.3 | 88.4 | 91.2 | 93.1 | 94.2 | 94.9 | 96.1 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 400 | .4 | 84.3 | 88.8 | 91.8 | 94.0 | 95.4 | 96.5 | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 300 | .4 | 84.3 | 89.0 | 92.0 | 94.3 | 95.9 | 97.0 | 98.6 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 200 | .4 | 84.3 | 89.0 | 92.0 | 94.3 | 95.9 | 97.0 | 98.8 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 100 | .4 | 84.3 | 89.0 | 92.0 | 94.3 | 95.9 | 97.0 | 98.8 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 0 | .4 | 84.3 | 89.0 | 92.0 | 94.3 | 95.9 | 97.0 | 98.8 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(LST): 1500-1700

| CEILING | | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|----------|------|-----------------------------|------|------|------|------|----------|------|----------|----------|------|--------|--------|--------|---------|--------|-------|
| IN | FEET | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | | .4 | 50.7 | 51.2 | 51.2 | 51.4 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| GE 20000 | | .4 | 57.8 | 58.3 | 58.3 | 58.5 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| GE 18000 | | .4 | 58.7 | 59.2 | 59.2 | 59.4 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 16000 | | .4 | 58.7 | 59.2 | 59.2 | 59.4 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| GE 14000 | | .4 | 59.2 | 59.7 | 59.7 | 59.9 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| GE 12000 | | .4 | 60.4 | 60.9 | 60.9 | 61.1 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 10000 | | .4 | 61.5 | 62.0 | 62.1 | 62.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 9000 | | .4 | 62.0 | 62.5 | 62.6 | 62.9 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 8000 | | .4 | 64.8 | 65.5 | 65.6 | 65.9 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| GE 7000 | | .4 | 66.0 | 66.7 | 67.1 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 6000 | | .4 | 67.2 | 68.0 | 68.4 | 68.6 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 5000 | | .4 | 69.1 | 69.9 | 70.2 | 70.5 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 4500 | | .4 | 70.1 | 70.9 | 71.2 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| GE 4000 | | .4 | 72.2 | 73.0 | 73.3 | 73.6 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 3500 | | .4 | 73.6 | 74.3 | 74.8 | 75.1 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 3000 | | .4 | 75.6 | 76.3 | 77.0 | 77.7 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| GE 2500 | | .4 | 77.1 | 78.0 | 78.6 | 79.0 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 2000 | | .4 | 80.2 | 81.2 | 82.1 | 82.7 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| GE 1800 | | .4 | 80.6 | 81.6 | 82.4 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 1500 | | .4 | 81.7 | 82.7 | 83.7 | 84.4 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 1200 | | .4 | 82.8 | 84.1 | 85.2 | 85.9 | 86.2 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 1000 | | .4 | 83.1 | 84.4 | 85.7 | 86.6 | 86.8 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 900 | | .4 | 83.9 | 85.3 | 86.6 | 87.7 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 800 | | .4 | 84.2 | 86.2 | 87.4 | 88.7 | 89.4 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 700 | | .4 | 84.9 | 86.9 | 88.4 | 90.2 | 90.9 | 91.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 600 | | .4 | 85.1 | 87.4 | 89.0 | 90.9 | 91.7 | 92.8 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 500 | | .4 | 85.7 | 88.2 | 89.9 | 92.5 | 93.8 | 95.1 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 400 | | .4 | 86.1 | 88.8 | 90.8 | 93.6 | 95.1 | 96.6 | 97.5 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 300 | | .4 | 86.2 | 88.9 | 90.9 | 93.9 | 95.5 | 97.1 | 98.3 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 200 | | .4 | 86.2 | 88.9 | 90.9 | 93.9 | 95.5 | 97.4 | 98.6 | 98.9 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | | .4 | 86.2 | 88.9 | 90.9 | 93.9 | 95.5 | 97.4 | 98.6 | 98.9 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | | .4 | 86.2 | 88.9 | 90.9 | 93.9 | 95.5 | 97.4 | 98.6 | 98.9 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1900-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .5 | 55.1 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 20000 | .5 | 59.3 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 18000 | .5 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| GE 16000 | .5 | 59.7 | 61.0 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| GE 14000 | .5 | 60.7 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 12000 | .5 | 61.6 | 63.1 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| GE 10000 | .5 | 63.8 | 65.3 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| GE 9000 | .5 | 64.3 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| GE 8000 | .5 | 66.0 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 7000 | .5 | 66.5 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 6000 | .5 | 67.3 | 68.8 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| GE 5000 | .5 | 69.1 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| GE 4500 | .5 | 69.6 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| GE 4000 | .5 | 71.5 | 73.0 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 3500 | .5 | 72.8 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 3000 | .5 | 73.9 | 75.5 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| GE 2500 | .5 | 74.8 | 76.4 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| GE 2000 | .5 | 78.6 | 80.2 | 80.7 | 81.0 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 1800 | .5 | 79.2 | 80.9 | 81.4 | 81.6 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 1500 | .5 | 81.9 | 83.5 | 84.0 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 1200 | .5 | 83.5 | 85.4 | 86.1 | 86.8 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 1000 | .5 | 84.3 | 86.2 | 86.8 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 900 | .5 | 84.7 | 86.6 | 87.2 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 800 | .5 | 84.8 | 86.7 | 87.5 | 89.0 | 89.1 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 700 | .5 | 84.9 | 87.1 | 88.7 | 90.5 | 90.6 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 600 | .5 | 85.3 | 87.6 | 89.4 | 91.6 | 92.1 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 500 | .5 | 86.1 | 88.6 | 90.7 | 93.3 | 93.8 | 95.3 | 95.3 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 400 | .5 | 86.3 | 89.0 | 91.1 | 93.7 | 94.2 | 96.1 | 96.2 | 96.5 | 96.6 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 300 | .5 | 86.3 | 89.0 | 91.1 | 93.9 | 94.4 | 96.6 | 96.7 | 97.1 | 97.6 | 97.8 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 200 | .5 | 86.3 | 89.1 | 91.3 | 94.2 | 94.7 | 96.8 | 97.0 | 97.5 | 98.1 | 98.6 | 98.7 | 99.1 | 99.2 | 99.5 | 99.5 |
| GE 100 | .5 | 86.3 | 89.1 | 91.3 | 94.2 | 94.7 | 97.0 | 97.1 | 97.6 | 98.2 | 98.7 | 99.0 | 99.4 | 99.5 | 99.9 | 99.9 |
| GE 0 | .5 | 86.3 | 89.1 | 91.3 | 94.2 | 94.7 | 97.0 | 97.1 | 97.6 | 8.2 | 98.7 | 99.0 | 99.4 | 99.5 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|--|--|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 | | |
| NO CEIL | .9 | 52.8 | 53.4 | 53.8 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | | |
| GE 20000 | .9 | 56.0 | 56.5 | 57.0 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | | |
| GE 18000 | .9 | 56.2 | 56.8 | 57.2 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | | |
| GE 16000 | .9 | 56.2 | 56.8 | 57.2 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | | |
| GE 14000 | .9 | 56.5 | 57.1 | 57.5 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | | |
| GE 12000 | .9 | 58.2 | 59.0 | 59.4 | 59.5 | 59.5 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | | |
| GE 10000 | .9 | 59.8 | 60.8 | 61.3 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | | |
| GE 9000 | .9 | 59.8 | 60.8 | 61.3 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | | |
| GE 8000 | .9 | 61.3 | 62.3 | 62.7 | 62.8 | 62.8 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | | |
| GE 7000 | .9 | 61.4 | 62.6 | 63.0 | 63.1 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | | |
| GE 6000 | .9 | 62.8 | 64.0 | 64.4 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | | |
| GE 5000 | .9 | 65.1 | 66.3 | 66.7 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | | |
| GE 4500 | .9 | 66.3 | 67.4 | 67.9 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | | |
| GE 4000 | .9 | 67.0 | 68.1 | 68.6 | 68.7 | 68.7 | 68.7 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | | |
| GE 3500 | .9 | 67.9 | 69.0 | 69.4 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | | |
| GE 3000 | .9 | 68.7 | 69.9 | 70.4 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | | |
| GE 2500 | .9 | 69.9 | 71.2 | 71.7 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | | |
| GE 2000 | .9 | 73.2 | 74.5 | 75.0 | 75.3 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | | |
| GE 1800 | .9 | 73.9 | 75.2 | 75.9 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | | |
| GE 1500 | .9 | 77.6 | 79.1 | 80.1 | 80.3 | 80.3 | 80.3 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | | |
| GE 1200 | .9 | 80.9 | 82.4 | 83.5 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | | |
| GE 1000 | .9 | 82.9 | 84.4 | 85.5 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | | |
| GE 900 | .9 | 83.4 | 84.9 | 86.2 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | | |
| GE 800 | .9 | 84.2 | 85.9 | 87.5 | 88.1 | 88.1 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | | |
| GE 700 | .9 | 84.9 | 86.8 | 88.7 | 89.2 | 89.2 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | | |
| GE 600 | .9 | 86.2 | 88.7 | 90.8 | 91.7 | 91.8 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | | |
| GE 500 | .9 | 87.7 | 90.2 | 92.5 | 94.4 | 94.5 | 94.7 | 95.0 | 95.0 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | | |
| GE 400 | .9 | 87.7 | 90.2 | 92.7 | 95.1 | 95.3 | 95.4 | 95.8 | 95.8 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | | |
| GE 300 | .9 | 87.7 | 90.2 | 92.7 | 95.7 | 95.8 | 96.1 | 97.0 | 97.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | | |
| GE 200 | .9 | 87.7 | 90.2 | 92.7 | 96.3 | 96.4 | 96.7 | 97.7 | 97.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.4 | 99.4 | 99.6 | | |
| GE 100 | .9 | 87.7 | 90.2 | 92.7 | 96.3 | 96.4 | 96.7 | 97.7 | 97.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.6 | 99.6 | 99.9 | | |
| GE 0 | .9 | 87.7 | 90.2 | 92.7 | 96.3 | 96.4 | 96.7 | 97.7 | 97.8 | 99.1 | 99.1 | 99.1 | 99.3 | 99.6 | 99.6 | 100.0 | | |

TOTAL NUMBER OF OBSERVATIONS: 697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|----------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 1 | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .5 | 46.7 | 47.5 | 47.9 | 48.2 | 48.3 | 48.4 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.8 | 48.8 | 48.8 | 49.0 |
| GE 20000 | .5 | 50.8 | 51.7 | 52.1 | 52.4 | 52.6 | 52.7 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 53.0 | 53.1 | 53.1 | 53.3 |
| GE 18000 | .5 | 51.2 | 52.1 | 52.5 | 52.8 | 52.9 | 53.1 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.4 | 53.5 | 53.7 |
| GE 16000 | .5 | 51.2 | 52.1 | 52.5 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.5 | 53.5 | 53.7 |
| GE 14000 | .5 | 51.7 | 52.6 | 53.0 | 53.3 | 53.4 | 53.6 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 54.0 | 54.2 |
| GE 12000 | .5 | 52.8 | 53.7 | 54.1 | 54.5 | 54.6 | 54.7 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.3 |
| GE 10000 | .5 | 54.4 | 55.5 | 55.9 | 56.3 | 56.4 | 56.6 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 57.0 | 57.2 |
| GE 9000 | .5 | 54.9 | 55.9 | 56.4 | 56.8 | 56.9 | 57.0 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.3 | 57.4 | 57.4 | 57.6 |
| GE 8000 | .5 | 56.7 | 57.8 | 58.2 | 58.7 | 58.8 | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 | 59.5 |
| GE 7000 | .5 | 57.6 | 58.7 | 59.2 | 59.6 | 59.7 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 | 60.3 | 60.5 |
| GE 6000 | .5 | 58.6 | 59.8 | 60.3 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.3 | 61.3 | 61.5 |
| GE 5000 | .5 | 60.4 | 61.6 | 62.1 | 62.6 | 62.7 | 62.8 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.3 | 63.5 |
| GE 4500 | .5 | 61.6 | 62.9 | 63.4 | 63.8 | 64.0 | 64.1 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.5 | 64.5 | 64.6 | 64.7 |
| GE 4000 | .5 | 63.3 | 64.7 | 65.3 | 65.8 | 65.9 | 66.0 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.4 | 66.5 | 66.5 | 66.7 |
| GE 3500 | .5 | 64.4 | 65.9 | 66.4 | 67.0 | 67.1 | 67.2 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 | 67.7 | 67.7 | 67.9 |
| GE 3000 | .5 | 65.8 | 67.4 | 68.0 | 68.6 | 68.8 | 68.9 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.3 | 69.4 | 69.4 | 69.6 |
| GE 2500 | .5 | 67.6 | 69.3 | 70.0 | 70.6 | 70.8 | 70.9 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.4 | 71.4 | 71.6 |
| GE 2000 | .5 | 70.4 | 72.1 | 72.8 | 73.6 | 73.8 | 73.9 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.4 | 74.4 | 74.5 | 74.6 |
| GE 1800 | .5 | 71.0 | 72.7 | 73.5 | 74.3 | 74.5 | 74.6 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.3 |
| GE 1500 | .5 | 73.2 | 75.2 | 76.1 | 77.0 | 77.2 | 77.4 | 77.5 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.8 | 77.8 | 77.9 | 78.1 |
| GE 1200 | .5 | 75.5 | 77.7 | 78.7 | 79.7 | 79.9 | 80.2 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 | 80.9 |
| GE 1000 | .5 | 76.6 | 79.0 | 80.2 | 81.4 | 81.6 | 81.8 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.3 | 82.4 | 82.4 | 82.6 |
| GE 900 | .5 | 77.3 | 79.9 | 81.2 | 82.6 | 82.9 | 83.2 | 83.4 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.8 | 83.9 |
| GE 800 | .5 | 77.8 | 80.7 | 82.2 | 83.7 | 84.0 | 84.5 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 | 85.2 | 85.3 | 85.4 |
| GE 700 | .5 | 78.7 | 81.8 | 83.8 | 85.6 | 86.1 | 86.8 | 87.2 | 87.2 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 | 87.6 | 87.6 | 87.7 |
| GE 600 | .5 | 79.3 | 82.9 | 85.1 | 87.4 | 88.1 | 89.0 | 89.5 | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 90.0 | 90.0 | 90.2 |
| GE 500 | .5 | 79.9 | 83.7 | 86.1 | 89.0 | 89.9 | 91.1 | 91.7 | 91.9 | 92.1 | 92.2 | 92.2 | 92.2 | 92.4 | 92.4 | 92.5 | 92.7 |
| GE 400 | .5 | 80.2 | 84.3 | 87.1 | 90.5 | 91.5 | 93.1 | 94.0 | 94.2 | 94.5 | 94.6 | 94.6 | 94.6 | 94.8 | 94.9 | 94.9 | 95.2 |
| GE 300 | .5 | 80.4 | 84.5 | 87.4 | 91.2 | 92.4 | 94.2 | 95.4 | 95.7 | 96.3 | 96.5 | 96.5 | 96.5 | 96.8 | 96.9 | 97.0 | 97.4 |
| GE 200 | .5 | 80.4 | 84.6 | 87.5 | 91.4 | 92.6 | 94.5 | 95.9 | 96.3 | 97.2 | 97.5 | 97.7 | 97.7 | 98.3 | 98.6 | 99.0 | 99.6 |
| GE 100 | .5 | 80.4 | 84.6 | 87.5 | 91.4 | 92.6 | 94.5 | 95.9 | 96.4 | 97.3 | 97.6 | 97.7 | 97.7 | 98.4 | 98.8 | 99.3 | 99.9 |
| GE 0 | .5 | 80.4 | 84.6 | 87.5 | 91.4 | 92.6 | 94.5 | 95.9 | 96.4 | 97.3 | 97.6 | 97.7 | 97.7 | 98.4 | 98.8 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 5899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(12): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|-----------------------------|---------|---------|---------|---------|-------------|---------|-------------|-------------|---------|-----------|-----------|-----------|------------|-----------|---------|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | .2 | 50.4 | 52.7 | 53.8 | 54.5 | 54.6 | 54.9 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.3 |
| GE 20000 | .2 | 56.7 | 59.3 | 60.5 | 61.3 | 61.4 | 61.7 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.1 | 62.2 |
| GE 18000 | .2 | 56.9 | 59.5 | 60.7 | 61.5 | 61.6 | 61.9 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.3 | 62.4 |
| GE 16000 | .2 | 56.9 | 59.6 | 60.8 | 61.6 | 61.7 | 61.9 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.3 | 62.4 | 62.5 |
| GE 14000 | .2 | 57.3 | 60.0 | 61.2 | 62.0 | 62.1 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.8 | 62.9 |
| GE 12000 | .2 | 58.3 | 61.0 | 62.3 | 63.0 | 63.2 | 63.4 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.8 | 63.9 | 64.0 |
| GE 10000 | .2 | 60.5 | 63.3 | 64.7 | 65.5 | 65.7 | 65.9 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.3 | 66.4 | 66.5 |
| GE 9000 | .2 | 61.0 | 63.9 | 65.3 | 66.1 | 66.3 | 66.5 | 66.6 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.9 | 67.0 | 67.1 |
| GE 8000 | .2 | 63.1 | 66.2 | 67.7 | 68.5 | 68.7 | 68.9 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.4 | 69.5 |
| GE 7000 | .2 | 63.9 | 67.1 | 68.5 | 69.4 | 69.6 | 69.8 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.3 | 70.4 |
| GE 6000 | .2 | 64.5 | 67.7 | 69.2 | 70.0 | 70.2 | 70.5 | 70.6 | 70.7 | 70.7 | 70.9 | 70.8 | 70.8 | 70.9 | 71.0 | 71.1 |
| GE 5000 | .2 | 65.6 | 69.1 | 70.6 | 71.5 | 71.7 | 72.0 | 72.1 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.4 | 72.5 | 72.6 |
| GE 4500 | .2 | 66.7 | 70.0 | 71.6 | 72.5 | 72.7 | 73.0 | 73.1 | 73.1 | 73.2 | 73.3 | 73.3 | 73.3 | 73.4 | 73.5 | 73.6 |
| GE 4000 | .2 | 68.2 | 71.7 | 73.3 | 74.3 | 74.5 | 74.8 | 74.9 | 75.0 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.3 | 75.4 |
| GE 3500 | .2 | 69.6 | 73.1 | 74.8 | 75.8 | 76.0 | 76.3 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.7 | 76.8 | 76.8 | 77.0 |
| GE 3000 | .2 | 71.7 | 75.4 | 77.1 | 78.3 | 78.5 | 78.8 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.2 | 79.2 | 79.3 | 79.5 |
| GE 2500 | .2 | 73.2 | 77.0 | 78.9 | 80.1 | 80.3 | 80.6 | 80.8 | 80.8 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.2 | 81.3 |
| GE 2000 | .2 | 75.0 | 79.0 | 81.0 | 82.3 | 82.5 | 82.9 | 83.1 | 83.1 | 83.2 | 83.3 | 83.3 | 83.4 | 83.4 | 83.5 | 83.6 |
| GE 1800 | .2 | 75.4 | 79.4 | 81.5 | 82.7 | 83.0 | 83.4 | 83.6 | 83.6 | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 84.0 | 84.1 |
| GE 1500 | .2 | 76.8 | 81.1 | 83.2 | 84.6 | 84.9 | 85.3 | 85.5 | 85.5 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 86.0 |
| GE 1200 | .2 | 78.2 | 82.7 | 85.0 | 86.5 | 86.8 | 87.3 | 87.5 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.9 | 88.0 | 88.1 |
| GE 1000 | .2 | 79.1 | 83.7 | 86.2 | 87.9 | 88.2 | 88.7 | 89.0 | 89.1 | 89.2 | 89.3 | 89.3 | 89.4 | 89.4 | 89.5 | 89.6 |
| GE 900 | .2 | 79.5 | 84.3 | 86.9 | 88.7 | 89.1 | 89.6 | 89.9 | 90.0 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.5 |
| GE 800 | .2 | 79.9 | 85.0 | 87.7 | 89.6 | 90.0 | 90.6 | 90.9 | 91.0 | 91.2 | 91.2 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 |
| GE 700 | .2 | 80.4 | 85.6 | 88.5 | 90.5 | 91.0 | 91.7 | 92.1 | 92.2 | 92.4 | 92.4 | 92.5 | 92.5 | 92.6 | 92.7 | 92.8 |
| GE 600 | .2 | 80.7 | 86.2 | 89.3 | 91.6 | 92.1 | 93.0 | 93.4 | 93.5 | 93.7 | 93.8 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 |
| GE 500 | .2 | 81.1 | 86.7 | 90.0 | 92.6 | 93.2 | 94.3 | 94.9 | 95.1 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 | 95.7 | 95.9 |
| GE 400 | .2 | 81.3 | 87.0 | 90.5 | 93.3 | 94.1 | 95.4 | 96.2 | 96.4 | 96.7 | 96.9 | 96.9 | 97.0 | 97.1 | 97.2 | 97.4 |
| GE 300 | .2 | 81.3 | 87.1 | 90.6 | 93.6 | 94.5 | 95.9 | 96.9 | 97.1 | 97.6 | 97.8 | 97.9 | 98.0 | 98.1 | 98.3 | 98.5 |
| GE 200 | .2 | 81.3 | 87.1 | 90.7 | 93.7 | 94.6 | 96.0 | 97.1 | 97.4 | 98.0 | 98.3 | 98.4 | 98.7 | 98.9 | 99.2 | 99.6 |
| GE 100 | .2 | 81.3 | 87.1 | 90.7 | 93.7 | 94.6 | 96.0 | 97.1 | 97.4 | 98.0 | 98.3 | 98.4 | 98.8 | 99.0 | 99.4 | 99.9 |
| GE 0 | .2 | 81.3 | 87.1 | 90.7 | 93.7 | 94.6 | 96.0 | 97.1 | 97.4 | 98.0 | 98.3 | 98.4 | 98.8 | 99.0 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 70660

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STAND DEV-
IATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 13 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCAN-
NING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS.

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTING

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87

| HOURS LST | STATS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|--------------|---------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 00-02 | MEAN | 44.6 | 49.0 | 55.4 | 61.4 | 67.7 | 73.6 | 76.9 | 76.6 | 71.1 | 64.2 | 56.8 | 48.7 | 62.3 |
| | SD | 10.080 | 9.905 | 9.032 | 7.995 | 5.587 | 4.019 | 2.609 | 2.770 | 6.035 | 8.855 | 10.355 | 12.009 | 13.451 |
| | TOT OBS | 561 | 507 | 558 | 630 | 558 | 540 | 568 | 597 | 540 | 558 | 540 | 558 | 6715 |
| 03-05 | MEAN | 43.3 | 47.5 | 53.5 | 59.7 | 66.2 | 72.2 | 75.6 | 75.1 | 69.9 | 62.6 | 55.6 | 47.8 | 61.4 |
| | SD | 10.156 | 9.915 | 9.043 | 8.533 | 6.057 | 4.422 | 2.503 | 2.962 | 6.250 | 9.536 | 10.867 | 12.476 | 13.523 |
| | TOT OBS | 558 | 507 | 558 | 634 | 626 | 604 | 632 | 661 | 609 | 621 | 542 | 558 | 7110 |
| 06-08 | MEAN | 42.0 | 45.9 | 51.3 | 61.1 | 68.4 | 75.1 | 77.7 | 76.5 | 71.4 | 62.3 | 54.2 | 46.2 | 61.2 |
| | SD | 10.637 | 10.581 | 9.540 | 7.989 | 5.745 | 4.692 | 3.416 | 3.569 | 6.036 | 9.312 | 10.608 | 12.181 | 14.836 |
| | TOT OBS | 850 | 773 | 861 | 827 | 825 | 814 | 825 | 864 | 814 | 808 | 788 | 829 | 9878 |
| 09-11 | MEAN | 47.0 | 51.3 | 61.0 | 69.4 | 76.4 | 82.9 | 85.8 | 85.2 | 80.0 | 70.8 | 60.8 | 51.6 | 68.5 |
| | SD | 10.512 | 11.101 | 8.537 | 7.044 | 5.900 | 4.715 | 3.823 | 3.889 | 6.218 | 7.904 | 9.653 | 11.312 | 15.598 |
| | TOT OBS | 861 | 788 | 878 | 843 | 827 | 813 | 826 | 861 | 819 | 809 | 815 | 837 | 9977 |
| 12-14 | MEAN | 52.8 | 57.7 | 66.8 | 74.5 | 80.8 | 86.9 | 89.9 | 89.5 | 84.5 | 76.2 | 65.8 | 57.4 | 73.6 |
| | SD | 11.410 | 12.001 | 8.859 | 7.509 | 6.029 | 5.437 | 4.905 | 4.554 | 6.378 | 7.762 | 9.675 | 11.454 | 15.273 |
| | TOT OBS | 843 | 766 | 852 | 819 | 809 | 795 | 809 | 856 | 806 | 801 | 804 | 828 | 9788 |
| 15-17 | MEAN | 54.2 | 59.4 | 68.4 | 75.2 | 81.1 | 87.2 | 89.4 | 88.6 | 84.2 | 76.1 | 65.7 | 58.2 | 74.0 |
| | SD | 11.330 | 11.987 | 8.788 | 7.647 | 6.108 | 6.015 | 6.028 | 5.844 | 6.259 | 7.525 | 9.369 | 11.305 | 14.733 |
| | TOT OBS | 843 | 765 | 852 | 819 | 813 | 795 | 812 | 855 | 803 | 799 | 804 | 803 | 9763 |
| 18-20 | MEAN | 48.8 | 54.0 | 62.7 | 69.5 | 75.9 | 82.0 | 83.9 | 83.0 | 77.7 | 68.5 | 59.1 | 52.2 | 68.2 |
| | SD | 10.319 | 10.581 | 8.329 | 7.392 | 5.890 | 5.569 | 5.611 | 4.926 | 5.951 | 8.144 | 9.498 | 11.241 | 14.526 |
| | TOT OBS | 840 | 765 | 849 | 815 | 806 | 789 | 807 | 851 | 797 | 797 | 799 | 789 | 9704 |
| 21-23 | MEAN | 46.2 | 50.5 | 58.0 | 64.1 | 70.4 | 76.1 | 79.2 | 78.7 | 73.3 | 65.4 | 56.8 | 49.7 | 63.3 |
| | SD | 9.986 | 9.703 | 8.163 | 7.471 | 5.390 | 3.703 | 3.117 | 3.111 | 5.941 | 8.589 | 9.926 | 11.440 | 13.734 |
| | TOT OBS | 715 | 649 | 717 | 686 | 562 | 540 | 604 | 632 | 600 | 632 | 684 | 697 | 7718 |
| ALL HOURS | MEAN | 47.7 | 52.3 | 60.5 | 67.3 | 74.0 | 80.2 | 82.8 | 82.2 | 77.1 | 68.7 | 59.7 | 51.8 | 67.0 |
| | SD | 11.392 | 11.770 | 10.385 | 9.574 | 8.082 | 7.456 | 6.849 | 6.793 | 8.271 | 9.979 | 10.807 | 12.358 | 15.395 |
| | TOT OBS | 6071 | 5520 | 6125 | 6073 | 5826 | 5690 | 5883 | 6177 | 5788 | 5825 | 5776 | 5899 | 70653 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722190 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87

| HOURS | STATS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|-------|---------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| LST | | | | | | | | | | | | | | |
| 00-01 | MEAN | 41.1 | 45.6 | 51.3 | 57.4 | 64.4 | 70.4 | 73.1 | 73.4 | 67.6 | 61.3 | 54.1 | 45.7 | 58.9 |
| | SD | 10.378 | 10.288 | 9.639 | 8.806 | 5.963 | 3.773 | 2.473 | 3.107 | 6.321 | 9.367 | 11.025 | 12.460 | 13.688 |
| | TOT OBS | 561 | 507 | 558 | 630 | 558 | 540 | 568 | 597 | 540 | 558 | 540 | 558 | 6715 |
| 03-05 | MEAN | 40.0 | 44.6 | 50.2 | 56.2 | 63.5 | 69.6 | 72.4 | 72.5 | 67.0 | 59.9 | 53.1 | 45.0 | 58.5 |
| | SD | 10.498 | 10.335 | 10.128 | 9.194 | 6.403 | 4.308 | 2.644 | 3.286 | 6.619 | 10.034 | 11.404 | 12.952 | 13.851 |
| | TOT OBS | 558 | 507 | 558 | 634 | 625 | 604 | 632 | 661 | 609 | 621 | 542 | 558 | 7109 |
| 06-08 | MEAN | 39.3 | 43.1 | 50.0 | 57.2 | 65.1 | 71.2 | 73.8 | 73.1 | 68.1 | 59.0 | 51.7 | 43.5 | 58.0 |
| | SD | 10.972 | 10.875 | 9.930 | 8.644 | 6.060 | 4.307 | 2.727 | 3.243 | 6.427 | 9.928 | 11.091 | 12.568 | 14.724 |
| | TOT OBS | 850 | 773 | 861 | 827 | 824 | 813 | 825 | 864 | 814 | 808 | 788 | 829 | 9676 |
| 09-11 | MEAN | 42.4 | 46.4 | 54.1 | 60.8 | 68.5 | 73.8 | 76.2 | 76.0 | 71.7 | 63.2 | 55.2 | 46.8 | 61.2 |
| | SD | 10.552 | 10.776 | 8.782 | 7.696 | 5.541 | 3.645 | 2.097 | 2.593 | 5.856 | 8.655 | 10.004 | 11.830 | 14.160 |
| | TOT OBS | 861 | 786 | 878 | 843 | 827 | 813 | 826 | 861 | 819 | 809 | 815 | 837 | 9975 |
| 12-14 | MEAN | 45.7 | 49.6 | 56.2 | 62.4 | 69.5 | 74.3 | 76.3 | 76.2 | 72.4 | 64.8 | 57.5 | 49.9 | 62.9 |
| | SD | 10.387 | 10.478 | 8.119 | 7.327 | 5.031 | 3.529 | 2.224 | 2.419 | 5.219 | 8.280 | 9.488 | 11.461 | 13.060 |
| | TOT OBS | 843 | 766 | 852 | 819 | 809 | 795 | 809 | 856 | 836 | 801 | 804 | 828 | 9788 |
| 15-17 | MEAN | 46.4 | 50.3 | 56.6 | 62.6 | 69.4 | 74.3 | 76.1 | 75.8 | 72.2 | 64.9 | 57.5 | 50.5 | 63.1 |
| | SD | 10.204 | 10.032 | 7.780 | 7.107 | 4.822 | 3.395 | 2.309 | 2.372 | 5.142 | 7.956 | 9.255 | 11.247 | 12.635 |
| | TOT OBS | 843 | 765 | 851 | 819 | 813 | 795 | 812 | 855 | 873 | 799 | 804 | 803 | 9762 |
| 18-20 | MEAN | 44.1 | 48.1 | 54.8 | 61.0 | 68.1 | 73.4 | 75.2 | 75.1 | 70.8 | 62.9 | 55.2 | 48.1 | 61.4 |
| | SD | 10.294 | 10.022 | 8.043 | 7.374 | 4.948 | 3.439 | 2.436 | 2.552 | 5.370 | 8.305 | 9.758 | 11.551 | 13.213 |
| | TOT OBS | 834 | 765 | 844 | 815 | 806 | 789 | 807 | 851 | 797 | 797 | 799 | 789 | 9703 |
| 21-23 | MEAN | 42.4 | 46.4 | 52.8 | 59.0 | 65.9 | 71.7 | 74.1 | 74.2 | 68.9 | 61.7 | 53.7 | 46.1 | 59.0 |
| | SD | 10.281 | 9.992 | 8.693 | 8.086 | 5.443 | 3.088 | 2.541 | 2.911 | 6.076 | 9.085 | 10.449 | 11.813 | 13.652 |
| | TOT OBS | 715 | 649 | 717 | 646 | 562 | 540 | 604 | 632 | 600 | 632 | 684 | 697 | 7718 |
| ALL | MEAN | 42.9 | 46.9 | 53.5 | 59.8 | 67.0 | 72.6 | 74.8 | 74.7 | 70.1 | 62.3 | 54.9 | 47.1 | 60.5 |
| | SD | 10.723 | 10.627 | 9.163 | 8.322 | 5.916 | 4.079 | 2.791 | 3.097 | 6.149 | 9.153 | 10.430 | 12.156 | 13.763 |
| HOURS | TOT OBS | 6070 | 5518 | 6124 | 6073 | 5824 | 5689 | 5883 | 6177 | 5788 | 5825 | 5776 | 5899 | 70646 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87

| HOURS | STATS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|-------|---------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| LST | | | | | | | | | | | | | | |
| 00-02 | MEAN | 36.0 | 41.4 | 47.2 | 54.0 | 62.3 | 68.8 | 71.3 | 71.9 | 65.6 | 59.2 | 51.6 | 41.8 | 56.1 |
| | SD | 13.056 | 12.523 | 11.735 | 10.781 | 6.854 | 4.185 | 2.866 | 3.854 | 7.199 | 10.559 | 12.728 | 14.728 | 15.551 |
| | TOT OBS | 561 | 567 | 558 | 630 | 558 | 540 | 568 | 597 | 540 | 558 | 540 | 558 | 6715 |
| 03-05 | MEAN | 35.0 | 40.9 | 46.6 | 53.0 | 61.8 | 68.2 | 70.9 | 71.2 | 65.2 | 57.9 | 50.7 | 41.3 | 56.0 |
| | SD | 13.249 | 12.433 | 11.923 | 11.038 | 7.223 | 4.696 | 3.075 | 3.894 | 7.450 | 11.231 | 12.882 | 15.297 | 15.639 |
| | TOT OBS | 558 | 567 | 558 | 634 | 625 | 604 | 632 | 661 | 609 | 621 | 542 | 558 | 7109 |
| 06-08 | MEAN | 35.0 | 39.4 | 46.6 | 53.8 | 63.1 | 69.3 | 72.0 | 71.6 | 66.7 | 56.4 | 49.1 | 39.9 | 55.2 |
| | SD | 13.482 | 12.934 | 11.662 | 10.559 | 7.136 | 5.018 | 2.980 | 3.719 | 7.368 | 11.499 | 12.613 | 14.879 | 16.355 |
| | TOT OBS | 850 | 773 | 861 | 827 | 824 | 813 | 825 | 864 | 814 | 808 | 788 | 829 | 9876 |
| 09-11 | MEAN | 36.0 | 40.4 | 47.4 | 54.0 | 63.9 | 69.4 | 72.0 | 72.0 | 67.3 | 57.5 | 50.0 | 40.8 | 55.9 |
| | SD | 13.928 | 13.473 | 12.130 | 11.533 | 7.395 | 5.206 | 2.732 | 3.553 | 7.507 | 11.964 | 12.870 | 15.321 | 16.413 |
| | TOT OBS | 861 | 766 | 878 | 843 | 827 | 813 | 826 | 861 | 819 | 809 | 815 | 837 | 9975 |
| 12-14 | MEAN | 36.6 | 40.4 | 46.5 | 53.1 | 63.0 | 68.4 | 70.3 | 70.2 | 66.1 | 56.6 | 50.1 | 41.3 | 55.2 |
| | SD | 14.195 | 13.533 | 12.311 | 11.990 | 7.282 | 5.375 | 3.121 | 3.914 | 7.317 | 12.576 | 13.325 | 15.842 | 16.660 |
| | TOT OBS | 843 | 766 | 852 | 819 | 809 | 795 | 809 | 856 | 806 | 801 | 804 | 828 | 9788 |
| 15-17 | MEAN | 36.8 | 40.6 | 45.9 | 52.9 | 62.6 | 68.2 | 70.1 | 70.0 | 65.9 | 56.9 | 50.4 | 42.0 | 55.2 |
| | SD | 14.276 | 13.401 | 12.247 | 12.011 | 7.280 | 5.218 | 3.491 | 4.006 | 7.712 | 12.412 | 13.082 | 15.576 | 15.920 |
| | TOT OBS | 843 | 765 | 851 | 819 | 813 | 795 | 812 | 855 | 803 | 799 | 804 | 803 | 9762 |
| 18-20 | MEAN | 37.9 | 41.5 | 47.5 | 54.4 | 63.6 | 69.3 | 71.4 | 71.5 | 67.2 | 59.0 | 51.7 | 43.2 | 56.5 |
| | SD | 13.257 | 12.839 | 11.538 | 10.725 | 6.578 | 4.661 | 3.008 | 3.572 | 6.818 | 10.252 | 11.506 | 14.279 | 15.268 |
| | TOT OBS | 839 | 765 | 849 | 815 | 806 | 789 | 807 | 851 | 797 | 797 | 799 | 789 | 9703 |
| 21-23 | MEAN | 37.0 | 41.5 | 47.8 | 54.9 | 63.2 | 69.5 | 71.7 | 72.1 | 66.4 | 59.0 | 50.8 | 41.7 | 55.5 |
| | SD | 13.086 | 12.566 | 11.069 | 10.180 | 6.374 | 3.596 | 3.051 | 3.770 | 7.033 | 10.608 | 12.062 | 14.293 | 15.619 |
| | TOT OBS | 715 | 649 | 717 | 686 | 562 | 540 | 604 | 632 | 600 | 632 | 684 | 697 | 7718 |
| ALL | MEAN | 36.3 | 40.8 | 46.9 | 53.8 | 63.0 | 68.9 | 71.2 | 71.3 | 66.1 | 57.7 | 50.5 | 41.5 | 55.7 |
| | SD | 13.649 | 13.035 | 11.833 | 11.167 | 7.076 | 4.879 | 3.128 | 3.854 | 7.343 | 11.522 | 12.663 | 15.078 | 15.695 |
| | TOT OBS | 6070 | 5518 | 6124 | 6073 | 5824 | 5689 | 5883 | 6177 | 5788 | 5825 | 5776 | 5899 | 70646 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 74-87
MONTH: JAN

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|------|------|------|------|------|------|------|----------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE HUMIDITY | NUM OBS |
| JAN | 00-02 | 100.0 | 100.0 | 99.8 | 96.1 | 88.1 | 78.6 | 63.6 | 36.9 | 8.7 | 72.8 | 561 |
| | 03-05 | 100.0 | 100.0 | 99.8 | 97.0 | 88.7 | 78.1 | 65.1 | 40.3 | 9.7 | 73.7 | 558 |
| | 06-08 | 100.0 | 100.0 | 99.6 | 98.4 | 91.6 | 84.1 | 71.5 | 50.7 | 17.2 | 77.1 | 851 |
| | 09-11 | 100.0 | 99.9 | 97.7 | 89.1 | 78.7 | 64.2 | 48.9 | 30.8 | 11.0 | 67.9 | 861 |
| | 12-14 | 100.0 | 98.8 | 88.1 | 73.3 | 60.5 | 45.7 | 30.2 | 19.0 | 8.1 | 58.0 | 843 |
| | 15-17 | 100.0 | 98.5 | 84.9 | 68.2 | 56.2 | 41.5 | 27.5 | 18.1 | 9.1 | 56.0 | 842 |
| | 18-20 | 100.0 | 99.9 | 98.5 | 92.3 | 79.7 | 66.9 | 45.8 | 28.2 | 11.3 | 68.0 | 839 |
| | 21-23 | 100.0 | 100.0 | 99.0 | 95.7 | 87.6 | 76.1 | 56.6 | 33.4 | 9.8 | 71.7 | 715 |
| | TOTALS | 100.0 | 99.6 | 95.9 | 88.9 | 78.9 | 66.9 | 51.2 | 32.2 | 10.6 | 68.2 | 6070 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|----------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE HUMIDITY | NUM OBS |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 98.4 | 95.9 | 84.4 | 69.6 | 45.4 | 9.3 | 76.0 | 507 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 96.8 | 89.7 | 75.0 | 55.2 | 12.2 | 79.3 | 507 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.3 | 88.4 | 73.4 | 51.1 | 18.5 | 78.5 | 773 |
| | 09-11 | 100.0 | 100.0 | 98.6 | 92.4 | 81.8 | 67.6 | 46.9 | 29.1 | 10.7 | 68.4 | 786 |
| | 12-14 | 100.0 | 99.6 | 89.3 | 74.7 | 59.8 | 40.2 | 25.7 | 14.5 | 5.2 | 56.6 | 766 |
| | 15-17 | 100.0 | 98.8 | 82.6 | 68.9 | 49.9 | 35.3 | 22.5 | 14.2 | 5.5 | 53.7 | 765 |
| | 18-20 | 100.0 | 99.7 | 96.6 | 88.6 | 77.3 | 58.3 | 40.1 | 22.7 | 8.4 | 64.9 | 765 |
| | 21-23 | 100.0 | 100.0 | 99.4 | 97.5 | 90.4 | 77.2 | 58.7 | 33.7 | 9.4 | 72.5 | 645 |
| TOTALS | | 100.0 | 99.4 | 95.8 | 90.7 | 81.2 | 67.6 | 51.5 | 33.3 | 9.9 | 68.6 | 5518 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 74-87

MONTH: MAR

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|------|------|------|------|------|------|----------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE HUMIDITY | NUM OBS |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 99.3 | 93.2 | 82.4 | 66.5 | 39.2 | 9.5 | 74.9 | 556 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.6 | 97.1 | 89.4 | 74.6 | 49.1 | 12.0 | 77.9 | 558 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 95.8 | 88.0 | 74.8 | 51.8 | 15.1 | 78.5 | 861 |
| | 09-11 | 100.0 | 100.0 | 97.0 | 87.7 | 70.0 | 56.2 | 38.8 | 22.6 | 6.0 | 63.5 | 878 |
| | 12-14 | 100.0 | 97.0 | 84.0 | 63.1 | 46.5 | 31.7 | 19.1 | 10.2 | 3.1 | 51.4 | 852 |
| | 15-17 | 100.0 | 96.8 | 75.6 | 55.2 | 43.8 | 26.0 | 16.0 | 8.5 | 2.1 | 48.2 | 851 |
| | 18-20 | 100.0 | 99.3 | 94.1 | 82.9 | 66.9 | 51.2 | 32.7 | 17.2 | 3.7 | 60.4 | 849 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 97.2 | 87.0 | 70.9 | 52.0 | 26.8 | 5.6 | 70.0 | 717 |
| | TOTALS | 100.0 | 99.8 | 93.8 | 85.6 | 75.0 | 62.0 | 46.8 | 28.2 | 7.1 | 65.6 | 6124 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------|------------|-------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | (RELATIVE HUMIDITY) | NUM OBS | |
| APR | 00-02 | 100.0 | 100.0 | 99.8 | 98.7 | 95.6 | 87.5 | 73.3 | 48.3 | 10.6 | 77.4 | 630 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.2 | 96.5 | 89.4 | 77.0 | 56.5 | 12.8 | 79.1 | 634 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.0 | 94.6 | 85.1 | 73.3 | 53.1 | 14.4 | 77.8 | 827 | |
| | 09-11 | 100.0 | 100.0 | 94.5 | 82.3 | 68.0 | 51.7 | 34.4 | 17.7 | 3.6 | 60.6 | 843 | |
| | 12-14 | 100.0 | 98.3 | 81.6 | 63.0 | 48.7 | 29.3 | 18.1 | 8.9 | 2.6 | 50.7 | 819 | |
| | 15-17 | 100.0 | 97.1 | 76.8 | 60.0 | 44.1 | 28.6 | 20.6 | 10.5 | 3.2 | 49.7 | 819 | |
| | 18-20 | 100.0 | 99.8 | 94.5 | 84.4 | 69.2 | 53.9 | 35.0 | 19.5 | 5.6 | 61.6 | 815 | |
| | 21-23 | 100.0 | 100.0 | 99.7 | 98.5 | 92.6 | 78.6 | 61.1 | 36.6 | 6.1 | 73.1 | 686 | |
| | TOTALS | 100.0 | 99.4 | 93.4 | 85.6 | 76.2 | 63.0 | 49.1 | 31.4 | 7.4 | 66.3 | 6073 | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | [RELATIVE HUMIDITY] | NUM OBS |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 90.5 | 69.7 | 10.2 | 82.8 | 558 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 94.1 | 80.8 | 21.9 | 85.6 | 625 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 95.0 | 87.4 | 70.8 | 24.0 | 83.7 | 824 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 96.4 | 86.5 | 64.3 | 41.2 | 17.5 | 3.7 | 66.5 | 827 |
| | 12-14 | 100.0 | 100.0 | 98.4 | 86.8 | 61.3 | 31.5 | 17.3 | 8.3 | 2.8 | 56.2 | 809 |
| | 15-17 | 100.0 | 100.0 | 97.8 | 82.5 | 56.1 | 29.6 | 18.6 | 9.1 | 2.5 | 55.3 | 813 |
| | 18-20 | 100.0 | 100.0 | 99.6 | 97.0 | 85.6 | 66.0 | 41.8 | 20.8 | 3.7 | 67.0 | 806 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 96.3 | 80.4 | 46.6 | 5.2 | 78.4 | 562 |
| | TOTALS | 100.0 | 100.0 | 99.5 | 95.3 | 86.0 | 72.4 | 58.9 | 40.5 | 9.3 | 71.9 | 5824 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | [RELATIVE HUMIDITY] | NUM OBS |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 95.9 | 74.1 | 20.6 | 84.9 | 540 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 98.3 | 82.9 | 32.0 | 87.4 | 604 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.6 | 88.4 | 63.2 | 21.0 | 82.7 | 813 |
| | 09-11 | 100.0 | 100.0 | 99.8 | 96.6 | 88.1 | 62.4 | 30.1 | 12.1 | 3.0 | 64.7 | 813 |
| | 12-14 | 100.0 | 100.0 | 98.6 | 89.9 | 58.9 | 29.1 | 14.8 | 7.0 | 1.8 | 55.5 | 795 |
| | 15-17 | 100.0 | 100.0 | 97.5 | 85.9 | 50.9 | 28.6 | 17.5 | 8.8 | 2.4 | 54.9 | 795 |
| | 18-20 | 100.0 | 100.0 | 99.7 | 96.6 | 87.1 | 65.7 | 38.1 | 20.0 | 4.3 | 66.8 | 789 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.3 | 85.2 | 50.2 | 10.2 | 80.2 | 540 |
| | TOTALS | 100.0 | 100.0 | 99.5 | 96.1 | 85.6 | 72.4 | 58.5 | 39.8 | 11.9 | 72.1 | 5689 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NUM OBS |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|-----|------------------------------|---------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.2 | 68.1 | 3.0 | 82.5 | 568 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.9 | 83.9 | 9.0 | 85.3 | 632 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 93.8 | 63.3 | 8.7 | 82.4 | 825 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 93.8 | 62.8 | 22.2 | 5.2 | .5 | 63.9 | 826 |
| | 12-14 | 100.0 | 100.0 | 99.9 | 92.2 | 52.9 | 18.9 | 9.0 | 4.6 | | 53.5 | 809 |
| | 15-17 | 100.0 | 100.0 | 99.1 | 86.2 | 50.9 | 30.9 | 16.4 | 6.7 | .2 | 59.7 | 812 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.5 | 87.5 | 68.9 | 43.1 | 19.6 | 2.4 | 67.5 | 807 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.5 | 84.6 | 40.7 | 2.5 | 78.1 | 604 |
| | TOTALS | 100.0 | 100.0 | 99.9 | 97.1 | 85.6 | 72.4 | 58.0 | 36.5 | 3.3 | 71.0 | 5883 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NUM OBS |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|---------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 95.3 | 80.6 | 18.3 | 85.3 | 597 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.1 | 89.1 | 23.8 | 87.6 | 661 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 94.3 | 75.1 | 19.7 | 84.9 | 864 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.1 | 94.8 | 66.7 | 29.0 | 7.8 | 1.2 | 65.3 | 861 |
| | 12-14 | 100.0 | 100.0 | 98.9 | 90.7 | 58.4 | 23.0 | 10.2 | 4.4 | .4 | 54.0 | 856 |
| | 15-17 | 100.0 | 100.0 | 98.5 | 88.8 | 53.9 | 33.3 | 19.5 | 9.6 | 1.3 | 56.0 | 855 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 97.9 | 90.5 | 75.4 | 49.4 | 23.6 | 3.2 | 69.5 | 851 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 96.2 | 86.4 | 56.6 | 7.0 | 80.3 | 632 |
| | TOTALS | 100.0 | 100.0 | 99.7 | 97.1 | 87.1 | 74.1 | 60.2 | 43.4 | 9.4 | 72.9 | 6177 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|-------|-------|------|------|------|------|----------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE HUMIDITY | NUM OBS |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 87.8 | 68.9 | 12.6 | 82.9 | 540 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.2 | 92.0 | 77.5 | 19.7 | 85.1 | 609 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.7 | 89.3 | 71.7 | 18.3 | 83.7 | 814 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.7 | 88.6 | 66.9 | 38.1 | 14.0 | 1.6 | 66.3 | 819 |
| | 12-14 | 100.0 | 100.0 | 99.3 | 87.0 | 59.1 | 30.3 | 13.5 | 6.3 | 1.9 | 55.4 | 806 |
| | 15-17 | 100.0 | 100.0 | 98.1 | 84.6 | 58.0 | 34.9 | 18.4 | 10.2 | 2.0 | 56.1 | 803 |
| | 18-20 | 100.0 | 100.0 | 99.7 | 98.2 | 93.0 | 78.3 | 55.5 | 26.2 | 2.8 | 71.2 | 797 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 94.5 | 79.7 | 55.8 | 7.0 | 79.2 | 600 |
| | TOTALS | 100.0 | 100.0 | 99.6 | 96.1 | 87.3 | 74.9 | 59.3 | 41.3 | 8.1 | 72.5 | 5786 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86

MONTH: OCT

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|------|------|------|------|------|------|----------------------|------------|-------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE HUMIDITY | NUM OBS | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 97.0 | 90.1 | 70.1 | 21.9 | 84.0 | 558 | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 99.2 | 97.1 | 90.3 | 73.1 | 24.2 | 84.6 | 621 | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.3 | 97.6 | 92.3 | 83.4 | 62.6 | 20.7 | 81.8 | 808 | |
| | 09-11 | 100.0 | 99.8 | 98.1 | 89.2 | 74.4 | 58.0 | 43.4 | 24.6 | 6.3 | 64.9 | 809 | |
| | 12-14 | 100.0 | 98.4 | 90.3 | 71.4 | 53.7 | 33.7 | 21.2 | 9.4 | 2.4 | 53.7 | 801 | |
| | 15-17 | 100.0 | 97.9 | 88.6 | 72.5 | 55.8 | 36.7 | 22.5 | 13.1 | 2.4 | 54.7 | 799 | |
| | 18-20 | 100.0 | 100.0 | 99.4 | 96.7 | 92.3 | 82.1 | 63.1 | 33.8 | 5.8 | 72.9 | 797 | |
| | 21-23 | 100.0 | 100.0 | 99.7 | 99.2 | 97.3 | 92.6 | 83.2 | 58.4 | 13.6 | 80.3 | 632 | |
| | TOTALS | 100.0 | 99.5 | 97.0 | 91.0 | 83.7 | 73.7 | 62.2 | 43.1 | 12.2 | 72.1 | 5825 | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|-------|----------------|--|-------|-------|-------|------|------|------|------|------|----------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE HUMIDITY | NUM OBS |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 95.2 | 85.7 | 65.7 | 25.4 | 82.9 | 540 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 96.9 | 86.9 | 70.8 | 25.3 | 83.7 | 542 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 99.0 | 96.2 | 85.5 | 66.0 | 23.7 | 83.0 | 786 |
| | 09-11 | 100.0 | 100.0 | 99.1 | 93.0 | 81.7 | 69.2 | 52.0 | 32.6 | 12.4 | 69.8 | 815 |
| | 12-14 | 100.0 | 99.6 | 93.8 | 78.0 | 64.8 | 48.1 | 32.3 | 19.7 | 7.6 | 59.9 | 804 |
| | 15-17 | 100.0 | 99.8 | 93.9 | 79.5 | 64.4 | 52.1 | 35.3 | 20.8 | 6.8 | 60.9 | 804 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.5 | 96.1 | 89.6 | 74.2 | 43.6 | 12.8 | 77.3 | 799 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.7 | 97.5 | 93.6 | 82.7 | 55.7 | 18.0 | 80.7 | 684 |
| | TOTALS | 100.0 | 99.9 | 98.4 | 93.7 | 87.6 | 80.1 | 66.8 | 46.9 | 16.5 | 74.8 | 5776 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | [RELATIVE HUMIDITY] | NUM OBS |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 96.1 | 87.3 | 71.3 | 49.8 | 13.3 | 77.5 | 556 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.3 | 96.4 | 88.4 | 73.8 | 53.8 | 16.3 | 78.6 | 558 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.4 | 95.8 | 87.8 | 74.8 | 55.9 | 21.5 | 79.3 | 829 |
| | 09-11 | 100.0 | 100.0 | 99.5 | 92.2 | 79.8 | 64.6 | 47.6 | 32.9 | 11.1 | 68.5 | 837 |
| | 12-14 | 100.0 | 99.9 | 92.8 | 72.7 | 59.7 | 44.7 | 30.4 | 19.4 | 6.3 | 58.2 | 826 |
| | 15-17 | 100.0 | 99.4 | 93.0 | 74.3 | 60.5 | 45.3 | 29.1 | 17.9 | 5.7 | 57.9 | 803 |
| | 18-20 | 100.0 | 100.0 | 99.6 | 97.0 | 91.1 | 78.8 | 59.4 | 33.5 | 8.0 | 72.4 | 785 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.1 | 92.5 | 82.4 | 65.1 | 39.6 | 9.5 | 74.7 | 697 |
| TOTALS | | 100.0 | 99.9 | 98.1 | 91.7 | 84.0 | 72.4 | 56.4 | 37.9 | 11.5 | 70.9 | 5899 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87
MONTH: ALL

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN | TOTAL |
|--------|----------------|--|-------|------|------|------|------|------|------|------|----------------------|------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | RELATIVE HUMIDITY | NUM OBS |
| JAN | ALL | 100.0 | 99.6 | 95.9 | 88.9 | 78.9 | 66.9 | 51.2 | 32.2 | 10.6 | 68.2 | 6071 |
| FEB | | 100.0 | 99.8 | 95.8 | 90.0 | 81.2 | 67.6 | 51.5 | 33.3 | 9.9 | 68.6 | 5516 |
| MAR | | 100.0 | 99.3 | 93.8 | 85.6 | 75.0 | 62.0 | 46.8 | 28.2 | 7.1 | 65.6 | 6124 |
| APR | | 100.0 | 99.4 | 93.4 | 85.6 | 76.2 | 63.0 | 49.1 | 31.4 | 7.4 | 66.3 | 6073 |
| MAY | | 100.0 | 100.0 | 99.5 | 95.3 | 86.0 | 72.4 | 58.9 | 40.5 | 9.3 | 71.9 | 5824 |
| JUN | | 100.0 | 100.0 | 99.5 | 96.1 | 85.6 | 72.4 | 58.5 | 39.8 | 11.9 | 72.1 | 5689 |
| JUL | | 100.0 | 100.0 | 99.9 | 97.1 | 85.6 | 72.4 | 58.0 | 36.5 | 3.3 | 71.0 | 5883 |
| AUG | | 100.0 | 100.0 | 99.7 | 97.1 | 87.1 | 74.1 | 60.2 | 43.4 | 9.4 | 72.9 | 6177 |
| SEP | | 100.0 | 100.0 | 99.6 | 96.1 | 87.3 | 74.9 | 59.3 | 41.3 | 8.1 | 72.5 | 5786 |
| OCT | | 100.0 | 99.5 | 97.0 | 91.0 | 83.7 | 73.7 | 62.2 | 43.1 | 12.2 | 72.1 | 5825 |
| NOV | | 100.0 | 99.9 | 98.4 | 93.7 | 87.6 | 80.1 | 66.8 | 46.9 | 16.5 | 74.8 | 5776 |
| DEC | | 100.0 | 99.9 | 98.1 | 91.7 | 84.0 | 72.4 | 56.4 | 37.9 | 11.5 | 70.9 | 5899 |
| TOTALS | | 100.0 | 99.8 | 97.6 | 92.4 | 83.2 | 71.0 | 56.6 | 37.9 | 9.8 | 70.6 | 70646 |

| | | | | |
|-----------|----------|----------|----------|----------|
| PPPPPPPP | AAAAAA | RQRQRRR | TTTTTTTT | FFFFFFFF |
| VPPPPPPPP | AAAAAAA | KQRQRRRR | TTTTTTTT | FFFFFFFF |
| PP PP | AA AA | K ? RR | IT | FF |
| PP PP | AA AA | RR RR | IT | FF |
| VPPPPPPPP | AA AA | KQRQRRRR | IT | FFFFF |
| VPPPPPPPP | AAAAAAAA | KQRQRRRR | IT | FFFFF |
| FP | AAAAAAAA | RR RR | IT | FF |
| PP | AA AA | RR RR | IT | FF |
| PP | AA AA | RR RR | IT | FF |
| PP | AA AA | RR RR | IT | FF |

PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87

| HOURS | STATS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| LS1 | | | | | | | | | | | | | | |
| | MEAN | 29.791 | 29.702 | 29.654 | 29.638 | 29.599 | 29.611 | 29.678 | 29.655 | 29.685 | 29.704 | 29.718 | 29.787 | 29.684 |
| 30 | SD | .166 | .186 | .204 | .147 | .106 | .073 | .062 | .063 | .095 | .142 | .162 | .200 | .154 |
| | TOT OBS | 187 | 169 | 186 | 210 | 186 | 180 | 190 | 199 | 186 | 186 | 180 | 186 | 2239 |
| | MEAN | 29.787 | 29.688 | 29.636 | 29.619 | 29.583 | 29.600 | 29.667 | 29.646 | 29.675 | 29.693 | 29.707 | 29.778 | 29.672 |
| 03 | SD | .169 | .186 | .207 | .153 | .105 | .075 | .062 | .063 | .096 | .146 | .163 | .203 | .156 |
| | TOT OBS | 186 | 169 | 186 | 210 | 186 | 180 | 190 | 199 | 180 | 186 | 180 | 186 | 2238 |
| | MEAN | 29.776 | 29.730 | 29.661 | 29.636 | 29.603 | 29.643 | 29.683 | 29.671 | 29.673 | 29.714 | 29.737 | 29.787 | 29.694 |
| 06 | SD | .184 | .195 | .202 | .152 | .115 | .082 | .073 | .068 | .099 | .148 | .163 | .201 | .159 |
| | TOT OBS | 281 | 255 | 284 | 273 | 271 | 267 | 272 | 285 | 270 | 267 | 248 | 274 | 3247 |
| | MEAN | 29.834 | 29.771 | 29.699 | 29.670 | 29.632 | 29.669 | 29.711 | 29.698 | 29.706 | 29.749 | 29.768 | 29.831 | 29.728 |
| 09 | SD | .189 | .195 | .206 | .158 | .114 | .081 | .073 | .066 | .103 | .148 | .167 | .202 | .162 |
| | TOT OBS | 287 | 263 | 293 | 281 | 279 | 274 | 278 | 290 | 275 | 271 | 271 | 279 | 3341 |
| | MEAN | 29.815 | 29.754 | 29.681 | 29.649 | 29.614 | 29.652 | 29.692 | 29.678 | 29.684 | 29.723 | 29.741 | 29.806 | 29.708 |
| 12 | SD | .188 | .197 | .204 | .155 | .115 | .083 | .071 | .067 | .103 | .147 | .165 | .199 | .161 |
| | TOT OBS | 281 | 256 | 284 | 273 | 270 | 266 | 272 | 286 | 269 | 267 | 268 | 276 | 3268 |
| | MEAN | 29.752 | 29.685 | 29.617 | 29.592 | 29.565 | 29.605 | 29.643 | 29.624 | 29.626 | 29.666 | 29.685 | 29.750 | 29.651 |
| 15 | SD | .190 | .197 | .201 | .157 | .110 | .081 | .072 | .070 | .104 | .145 | .165 | .198 | .159 |
| | TOT OBS | 281 | 255 | 284 | 273 | 271 | 266 | 272 | 286 | 269 | 267 | 268 | 274 | 3266 |
| | MEAN | 29.763 | 29.693 | 29.614 | 29.580 | 29.548 | 29.586 | 29.627 | 29.614 | 29.627 | 29.671 | 29.699 | 29.762 | 29.648 |
| 18 | SD | .189 | .191 | .196 | .153 | .109 | .080 | .070 | .070 | .101 | .142 | .161 | .199 | .161 |
| | TOT OBS | 281 | 255 | 284 | 272 | 271 | 266 | 272 | 286 | 269 | 267 | 268 | 263 | 3254 |
| | MEAN | 29.788 | 29.723 | 29.652 | 29.625 | 29.588 | 29.600 | 29.660 | 29.648 | 29.684 | 29.705 | 29.727 | 29.791 | 29.688 |
| 21 | SD | .187 | .189 | .195 | .147 | .104 | .074 | .065 | .066 | .093 | .146 | .162 | .197 | .163 |
| | TOT OBS | 279 | 255 | 283 | 268 | 189 | 180 | 208 | 217 | 210 | 223 | 264 | 263 | 2839 |
| | MEAN | 29.791 | 29.721 | 29.653 | 29.626 | 29.592 | 29.623 | 29.670 | 29.655 | 29.669 | 29.704 | 29.724 | 29.787 | 29.685 |
| ALL | SD | .186 | .195 | .203 | .155 | .113 | .085 | .074 | .072 | .104 | .148 | .165 | .201 | .162 |
| HOURS | TOT OBS | 2063 | 1877 | 2084 | 2060 | 1923 | 1879 | 1954 | 2048 | 1922 | 1934 | 1947 | 2001 | 23692 |

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MBS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87

| HOURS LST | STATS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|--------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 00 | MEAN | 1021.0 | 1017.9 | 1016.2 | 1015.6 | 1014.2 | 1014.6 | 1016.7 | 1016.0 | 1017.0 | 1017.8 | 1018.4 | 1020.9 | 1017.2 |
| | SD | 5.881 | 6.414 | 7.005 | 5.013 | 3.549 | 2.449 | 2.098 | 2.114 | 3.237 | 4.872 | 5.560 | 6.946 | 5.311 |
| | TOT OBS | 187 | 169 | 186 | 210 | 186 | 180 | 190 | 199 | 180 | 186 | 180 | 186 | 2239 |
| 03 | MEAN | 1020.9 | 1017.5 | 1015.6 | 1014.9 | 1013.7 | 1014.2 | 1016.4 | 1015.7 | 1016.7 | 1017.4 | 1018.0 | 1020.5 | 1016.8 |
| | SD | 5.874 | 6.422 | 7.073 | 5.209 | 3.541 | 2.480 | 2.068 | 2.098 | 3.281 | 4.982 | 5.585 | 7.018 | 5.392 |
| | TOT OBS | 186 | 169 | 186 | 210 | 186 | 180 | 190 | 199 | 180 | 186 | 180 | 186 | 2238 |
| 06 | MEAN | 1021.2 | 1018.9 | 1016.4 | 1015.5 | 1014.4 | 1015.6 | 1016.9 | 1016.5 | 1016.6 | 1018.1 | 1019.0 | 1020.9 | 1017.5 |
| | SD | 6.409 | 6.794 | 6.917 | 5.153 | 3.846 | 2.762 | 2.463 | 2.270 | 3.391 | 5.052 | 5.631 | 6.981 | 5.493 |
| | TOT OBS | 281 | 255 | 285 | 273 | 270 | 266 | 272 | 285 | 270 | 267 | 248 | 274 | 3246 |
| 09 | MEAN | 1022.6 | 1020.3 | 1017.8 | 1016.7 | 1015.3 | 1016.5 | 1017.8 | 1017.4 | 1017.7 | 1019.3 | 1020.1 | 1022.4 | 1018.7 |
| | SD | 6.563 | 6.789 | 7.074 | 5.293 | 3.813 | 2.731 | 2.456 | 2.236 | 3.504 | 5.124 | 5.768 | 7.045 | 5.623 |
| | TOT OBS | 287 | 263 | 293 | 281 | 279 | 274 | 278 | 290 | 274 | 271 | 271 | 279 | 3340 |
| 12 | MEAN | 1021.9 | 1019.7 | 1017.2 | 1016.0 | 1014.6 | 1015.9 | 1017.2 | 1016.7 | 1017.0 | 1018.4 | 1019.2 | 1021.5 | 1017.9 |
| | SD | 6.543 | 6.855 | 7.022 | 5.279 | 3.827 | 2.773 | 2.393 | 2.262 | 3.497 | 5.047 | 5.694 | 6.926 | 5.577 |
| | TOT OBS | 281 | 256 | 284 | 273 | 270 | 266 | 272 | 286 | 269 | 267 | 268 | 276 | 3268 |
| 15 | MEAN | 1019.7 | 1017.3 | 1014.9 | 1014.0 | 1013.0 | 1014.3 | 1015.5 | 1014.9 | 1015.1 | 1016.5 | 1017.3 | 1019.6 | 1016.0 |
| | SD | 6.560 | 6.737 | 6.840 | 5.344 | 3.779 | 2.725 | 2.438 | 2.373 | 3.505 | 4.958 | 5.654 | 6.858 | 5.490 |
| | TOT OBS | 281 | 255 | 284 | 272 | 271 | 266 | 272 | 286 | 269 | 267 | 268 | 274 | 3265 |
| 18 | MEAN | 1020.1 | 1017.6 | 1014.8 | 1013.7 | 1012.5 | 1013.7 | 1015.0 | 1014.6 | 1015.1 | 1016.7 | 1017.7 | 1020.0 | 1015.9 |
| | SD | 6.529 | 6.586 | 6.702 | 5.185 | 3.650 | 2.646 | 2.357 | 2.353 | 3.411 | 4.868 | 5.529 | 6.898 | 5.540 |
| | TOT OBS | 291 | 255 | 284 | 271 | 271 | 266 | 272 | 286 | 268 | 267 | 268 | 263 | 3252 |
| 21 | MEAN | 1020.9 | 1018.7 | 1016.2 | 1015.1 | 1013.8 | 1014.2 | 1016.2 | 1015.8 | 1017.0 | 1017.8 | 1018.7 | 1021.0 | 1017.3 |
| | SD | 6.497 | 6.598 | 6.658 | 4.981 | 3.511 | 2.472 | 2.197 | 2.200 | 3.189 | 4.992 | 5.574 | 6.840 | 5.634 |
| | TOT OBS | 278 | 255 | 282 | 268 | 189 | 180 | 206 | 217 | 210 | 223 | 264 | 263 | 2835 |
| ALL | MEAN | 1021.1 | 1018.6 | 1016.2 | 1015.2 | 1014.0 | 1014.9 | 1016.5 | 1016.0 | 1016.5 | 1017.8 | 1018.6 | 1020.9 | 1017.2 |
| | SD | 6.457 | 6.736 | 6.962 | 5.269 | 3.812 | 2.822 | 2.501 | 2.433 | 3.513 | 5.065 | 5.688 | 6.975 | 5.593 |
| HOURS | TOT OBS | 2062 | 1877 | 2084 | 2058 | 1922 | 1878 | 1952 | 2048 | 1920 | 1934 | 1947 | 2001 | 23683 |

SUMMARY OF DAY DATA

PERIOD OF RECORD:

***** FULL TIME PERIOD: APR 81 - APR 87

***** PART TIME PERIOD: SEP 62 - MAR 81

***** OPERATIONAL 5 DAYS PER WEEK FOR 10 HRS/DAY SEP 62-APR 76, 16 HRS/DAY MAY 76-MAR 81
(CLOSED HOLIDAYS)

ALL USERS MUST FAMILIARIZE THEMSELVES WITH CAVEATS PRIOR TO USING OR DISTRIBUTING THESE SUMMARIES

- A. GIVE PARTICULAR ATTENTION TO THE HOURS OF OPERATION.
 - B. NOTE THE DAYS STATION IS OPERATIONAL.
 - C. EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS WILL NOT REFLECT IN THESE SUMMARIES.
 - D. 24-HR PRECIPITATION (INCLUDING SNOW) VALUES MAY NOT REFLECT TRUE 24-HOUR AMOUNTS.
 - (1) RECORDED PRECIPITATION AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS.
 - (2) THIS "24 HOUR" AMOUNT DOES NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT AMOUNT."
 - (3) A COMBINATION OF THE ABOVE TWO LIMITATIONS EXAGGERATE THE QUESTIONABILITY OF THESE 24-HOUR AMOUNTS.
 - E. MONTHLY AMOUNTS OF PRECIPITATION (INCLUDING SNOW) ARE NOT AS SERIOUSLY AFFECTED AS THE 24-HR VALUES. HOWEVER, EVAPORATION (AND SUBLIMATION) CAN CAUSE "BOGUS" AMOUNTS TO BE INCLUDED FOR NON-OPERATIONAL PERIODS (DIFFERENCES ARE DEPENDENT ON THE LENGTH OF TIME BETWEEN READINGS).
 - F. THE TEMPERATURE SUMMARIES REPRESENT THE "HIGH" AND "LOW" SUMMARIZED TEMPERATURES AND NOT THE ACTUAL MAXIMUM OR MINIMUM EXTREMES.
- USAFETAC RECOMMENDS THAT COPIES OF FULL TIME PERIODS, WHEN AVAILABLE, BE ACCOMPANIED BY THE CAVEAT --- "EXTREMES OCCURRING OUTSIDE THIS PERIOD ARE NOT REFLECTED IN THESE SUMMARIES". WE ALSO RECOMMEND LIMITED DISTRIBUTION OF THE PART TIME PERIOD TO METEOROLOGIST (TECHNICIANS), TO BE ACCOMPANIED BY THIS CAVEAT PAGE. PAGES OF DATA SUMMARIZED FOR LIMITED DUTY PERIODS ARE SO STAMPED.

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".6" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDREDTHS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: ".0" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968.
COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: JAN

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN |
| 03-02 | 32.6 | | | 16.3 | | | | | | 14.3 | 36.9 | 5.5 |
| 03-05 | 33.2 | | | 14.3 | | | | | | 9.4 | 43.1 | 5.6 |
| 06-08 | 17.4 | | | 19.0 | | | | | | 19.7 | 44.0 | 6.7 |
| 09-11 | 11.9 | | | 22.9 | | | | | | 23.2 | 42.0 | 7.0 |
| 12-14 | 8.7 | | | 29.2 | | | | | | 24.0 | 38.2 | 6.9 |
| 15-17 | 7.1 | | | 28.7 | | | | | | 27.7 | 36.4 | 7.0 |
| 18-20 | 13.7 | | | 29.2 | | | | | | 18.6 | 38.4 | 6.4 |
| 21-23 | 28.5 | | | 20.5 | | | | | | 14.4 | 36.6 | 5.6 |
| TOTALS | 19.1 | | | 22.5 | | | | | | 18.9 | 39.5 | 6.3 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: FEB

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN |
| 00-02 | 25.7 | | | 19.0 | | | | | | 15.0 | 40.2 | 5.9 |
| 03-05 | 24.3 | | | 10.5 | | | | | | 14.8 | 50.4 | 6.7 |
| 06-08 | 13.6 | | | 16.1 | | | | | | 21.3 | 49.0 | 7.3 |
| 09-11 | 8.4 | | | 23.0 | | | | | | 27.7 | 40.9 | 7.3 |
| 12-14 | 8.5 | | | 27.6 | | | | | | 26.9 | 37.0 | 6.9 |
| 15-17 | 7.1 | | | 30.2 | | | | | | 25.9 | 36.8 | 6.9 |
| 18-20 | 12.5 | | | 32.4 | | | | | | 17.8 | 37.4 | 6.3 |
| 21-23 | 23.5 | | | 23.6 | | | | | | 15.0 | 38.0 | 5.9 |
| TOTALS | 15.5 | | | 22.8 | | | | | | 20.6 | 41.2 | 6.7 |

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: MAR

| HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN | TOTAL OBS | |
|----------------|---|---|---|------|---|---|---|---|---|------|------|--------------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| 00-02 | 35.4 | | | 21.8 | | | | | | 14.7 | 28.1 | 4.8 | 556 |
| 03-05 | 32.5 | | | 17.9 | | | | | | 17.0 | 32.5 | 5.3 | 547 |
| 06-08 | 14.6 | | | 24.3 | | | | | | 25.3 | 35.8 | 6.6 | 851 |
| 09-11 | 11.0 | | | 28.1 | | | | | | 27.1 | 33.7 | 6.7 | 878 |
| 12-14 | 7.9 | | | 31.0 | | | | | | 32.7 | 28.4 | 6.7 | 846 |
| 15-17 | 7.3 | | | 25.4 | | | | | | 30.9 | 26.4 | 6.5 | 848 |
| 18-20 | 11.8 | | | 39.7 | | | | | | 23.9 | 24.6 | 5.8 | 846 |
| 21-23 | 33.2 | | | 22.9 | | | | | | 19.7 | 24.2 | 4.9 | 711 |
| TOTALS | 19.2 | | | 27.6 | | | | | | 23.9 | 29.2 | 5.9 | 6083 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 78-87
MONTH: APR

| HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN | TOTAL OBS | |
|----------------|---|---|---|------|---|---|---|---|---|------|------|--------------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| 00-02 | 32.3 | | | 19.4 | | | | | | 20.2 | 28.1 | 5.2 | 629 |
| 03-05 | 31.1 | | | 15.9 | | | | | | 17.8 | 35.2 | 5.6 | 628 |
| 06-08 | 15.0 | | | 25.9 | | | | | | 25.3 | 33.8 | 6.4 | 822 |
| 09-11 | 12.8 | | | 28.4 | | | | | | 33.6 | 25.3 | 6.4 | 843 |
| 12-14 | 9.9 | | | 29.5 | | | | | | 34.3 | 26.3 | 6.6 | 819 |
| 15-17 | 10.6 | | | 21.4 | | | | | | 33.7 | 24.2 | 6.4 | 818 |
| 18-20 | 14.7 | | | 35.3 | | | | | | 26.0 | 24.0 | 5.8 | 814 |
| 21-23 | 34.4 | | | 20.7 | | | | | | 18.5 | 26.4 | 4.9 | 686 |
| TOTALS | 20.1 | | | 25.6 | | | | | | 26.2 | 27.9 | 5.9 | 6059 |

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: MAY

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 31.2 | | | 26.4 | | | | | | 22.1 | 20.3 | 4.8 | 557 |
| 03-05 | 19.9 | | | 22.2 | | | | | | 28.4 | 29.5 | 6.2 | 617 |
| 06-08 | 8.7 | | | 24.8 | | | | | | 35.8 | 30.7 | 7.0 | 812 |
| 09-11 | 6.2 | | | 34.2 | | | | | | 39.1 | 20.6 | 6.6 | 827 |
| 12-14 | 3.6 | | | 38.7 | | | | | | 37.1 | 20.6 | 6.6 | 809 |
| 15-17 | 4.6 | | | 40.8 | | | | | | 33.7 | 20.9 | 6.3 | 813 |
| 18-20 | 7.9 | | | 44.9 | | | | | | 25.3 | 21.8 | 5.8 | 806 |
| 21-23 | 30.4 | | | 33.5 | | | | | | 17.8 | 18.3 | 4.4 | 562 |
| TOTALS | 14.1 | | | 33.2 | | | | | | 29.9 | 22.8 | 6.0 | 5803 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUN

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 29.6 | | | 36.2 | | | | | | 22.1 | 12.1 | 4.3 | 538 |
| 03-05 | 16.9 | | | 37.2 | | | | | | 26.1 | 19.8 | 5.4 | 602 |
| 06-08 | 9.9 | | | 36.7 | | | | | | 35.4 | 18.0 | 6.1 | 810 |
| 09-11 | 4.5 | | | 45.2 | | | | | | 38.3 | 11.9 | 6.0 | 814 |
| 12-14 | 1.6 | | | 46.9 | | | | | | 38.2 | 13.2 | 6.2 | 795 |
| 15-17 | 1.6 | | | 49.8 | | | | | | 37.0 | 11.6 | 6.0 | 795 |
| 18-20 | 6.0 | | | 52.0 | | | | | | 27.2 | 12.8 | 5.3 | 787 |
| 21-23 | 27.2 | | | 43.6 | | | | | | 17.5 | 11.7 | 4.1 | 537 |
| TOTALS | 12.4 | | | 43.5 | | | | | | 30.2 | 13.9 | 5.4 | 5678 |

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: JUL

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 36.5 | | | 42.1 | | | | | | 16.1 | 5.3 | 3.2 | 565 |
| 03-05 | 25.2 | | | 49.8 | | | | | | 19.7 | 5.3 | 3.8 | 624 |
| 06-08 | 5.2 | | | 52.9 | | | | | | 28.5 | 10.4 | 5.2 | 818 |
| 09-11 | 4.1 | | | 51.8 | | | | | | 35.5 | 8.6 | 5.6 | 826 |
| 12-14 | .2 | | | 50.1 | | | | | | 37.1 | 12.6 | 6.1 | 809 |
| 15-17 | .5 | | | 43.2 | | | | | | 43.7 | 12.6 | 6.5 | 812 |
| 18-20 | 3.0 | | | 41.2 | | | | | | 39.3 | 16.5 | 6.4 | 805 |
| 21-23 | 27.2 | | | 41.6 | | | | | | 19.0 | 12.2 | 4.2 | 596 |
| TOTALS | 13.1 | | | 46.6 | | | | | | 29.9 | 10.4 | 5.1 | 5855 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: AUG

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 29.7 | | | 45.3 | | | | | | 16.8 | 8.2 | 3.7 | 596 |
| 03-05 | 26.3 | | | 46.0 | | | | | | 17.3 | 10.3 | 4.0 | 658 |
| 06-08 | 9.1 | | | 50.1 | | | | | | 26.1 | 10.7 | 5.0 | 858 |
| 09-11 | 4.9 | | | 53.5 | | | | | | 34.0 | 7.5 | 5.4 | 861 |
| 12-14 | .9 | | | 52.0 | | | | | | 38.6 | 8.5 | 5.9 | 856 |
| 15-17 | .6 | | | 46.1 | | | | | | 39.1 | 14.3 | 6.3 | 855 |
| 18-20 | 4.5 | | | 45.5 | | | | | | 35.7 | 14.3 | 6.0 | 851 |
| 21-23 | 22.0 | | | 49.9 | | | | | | 21.6 | 6.5 | 4.1 | 631 |
| TOTALS | 12.3 | | | 49.1 | | | | | | 28.7 | 10.0 | 5.1 | 6166 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: SEP

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 40.8 | | | 27.3 | | | | | | 18.7 | 13.1 | 3.8 | 534 |
| 03-05 | 34.1 | | | 28.9 | | | | | | 18.6 | 18.4 | 4.4 | 602 |
| 06-08 | 17.2 | | | 35.6 | | | | | | 28.7 | 18.5 | 5.5 | 801 |
| 09-11 | 13.5 | | | 40.9 | | | | | | 31.1 | 14.5 | 5.5 | 816 |
| 12-14 | 4.0 | | | 47.1 | | | | | | 34.6 | 14.3 | 6.0 | 806 |
| 15-17 | 4.9 | | | 46.9 | | | | | | 32.1 | 16.1 | 5.9 | 803 |
| 18-20 | 13.0 | | | 44.7 | | | | | | 28.2 | 14.1 | 5.3 | 797 |
| 21-23 | 35.0 | | | 18.2 | | | | | | 16.1 | 10.7 | 3.7 | 597 |
| TOTALS | 29.3 | | | 38.7 | | | | | | 26.0 | 15.0 | 5.0 | 5756 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: OCT

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS (LST) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 | 30.3 | | | 23.4 | | | | | | 17.5 | 28.8 | 5.2 | 555 |
| 03-05 | 26.7 | | | 22.4 | | | | | | 18.2 | 32.7 | 5.6 | 611 |
| 06-08 | 13.7 | | | 33.6 | | | | | | 22.2 | 30.5 | 6.1 | 789 |
| 09-11 | 13.4 | | | 33.0 | | | | | | 32.1 | 21.6 | 6.0 | 807 |
| 12-14 | 10.0 | | | 39.3 | | | | | | 30.3 | 20.3 | 5.9 | 801 |
| 15-17 | 9.4 | | | 43.6 | | | | | | 29.2 | 17.9 | 5.7 | 799 |
| 18-20 | 18.7 | | | 39.3 | | | | | | 22.3 | 19.7 | 5.2 | 797 |
| 21-23 | 30.1 | | | 26.9 | | | | | | 17.0 | 26.0 | 4.9 | 628 |
| TOTALS | 19.0 | | | 32.7 | | | | | | 23.6 | 24.7 | 5.6 | 5787 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: NOV

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS I (LST) I | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 I | 25.2 | | | 17.4 | | | | | | 18.2 | 39.1 | 6.1 | 539 |
| 03-05 I | 25.3 | | | 14.2 | | | | | | 17.0 | 43.5 | 6.3 | 542 |
| 06-08 I | 14.3 | | | 22.7 | | | | | | 25.6 | 37.4 | 6.7 | 776 |
| 09-11 I | 12.4 | | | 14.5 | | | | | | 26.7 | 36.4 | 6.8 | 813 |
| 12-14 I | 9.1 | | | 11.3 | | | | | | 28.4 | 31.2 | 6.6 | 804 |
| 15-17 I | 8.5 | | | 12.8 | | | | | | 30.5 | 28.2 | 6.6 | 804 |
| 18-20 I | 16.3 | | | 10.6 | | | | | | 23.1 | 28.1 | 5.8 | 798 |
| 21-23 I | 28.7 | | | 19.7 | | | | | | 18.1 | 33.5 | 5.6 | 680 |
| TOTALS I | 17.7 | | | 14.2 | | | | | | 23.5 | 34.7 | 6.3 | 5756 |

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-86
MONTH: DEC

| PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | | | |
|---|------|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS I (LST) I | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | MEAN | TOTAL OBS |
| 00-02 I | 27.3 | | | 17.6 | | | | | | 17.8 | 37.3 | 5.9 | 557 |
| 03-05 I | 26.2 | | | 16.5 | | | | | | 17.2 | 40.1 | 6.1 | 553 |
| 06-08 I | 17.0 | | | 23.4 | | | | | | 21.6 | 38.0 | 6.4 | 816 |
| 09-11 I | 9.7 | | | 27.4 | | | | | | 27.7 | 35.1 | 6.8 | 831 |
| 12-14 I | 7.4 | | | 13.4 | | | | | | 29.4 | 29.9 | 6.6 | 827 |
| 15-17 I | 6.9 | | | 15.8 | | | | | | 29.2 | 28.1 | 6.5 | 801 |
| 18-20 I | 16.6 | | | 11.7 | | | | | | 22.3 | 27.4 | 5.7 | 789 |
| 21-23 I | 26.9 | | | 23.1 | | | | | | 18.7 | 33.3 | 5.5 | 696 |
| TOTALS I | 17.5 | | | 26.1 | | | | | | 22.7 | 33.7 | 6.2 | 5870 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAL
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 77-87
MONTH: ALL

| | | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN | TOTAL OBS |
|----------------|-----|---|---|------|---|---|---|---|---|------|------|------|--------------|
| HOURS (EST) | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 19.1 | | 72.5 | | | | | | 18.9 | 39.5 | 6.3 | 6039 |
| FEB | | 15.5 | | 72.8 | | | | | | 20.6 | 41.2 | 6.7 | 5462 |
| MAR | | 19.2 | | 72.6 | | | | | | 23.9 | 29.2 | 5.9 | 6063 |
| APR | | 20.1 | | 75.8 | | | | | | 26.2 | 27.9 | 5.9 | 6059 |
| MAY | | 14.1 | | 73.2 | | | | | | 29.9 | 72.8 | 6.0 | 5803 |
| JUN | | 12.4 | | 43.5 | | | | | | 30.2 | 13.9 | 5.4 | 5678 |
| JUL | | 13.1 | | 46.6 | | | | | | 29.9 | 10.4 | 5.1 | 5855 |
| AUG | | 12.3 | | 49.1 | | | | | | 28.7 | 10.0 | 5.1 | 6166 |
| SEP | | 20.7 | | 78.7 | | | | | | 26.0 | 15.0 | 5.0 | 5756 |
| OCT | | 14.0 | | 72.7 | | | | | | 23.6 | 24.7 | 5.6 | 5787 |
| NOV | | 17.7 | | 24.2 | | | | | | 23.5 | 34.7 | 6.3 | 5756 |
| DEC | | 17.5 | | 26.1 | | | | | | 22.7 | 33.7 | 6.2 | 5870 |
| TOTALS | | 16.7 | | 32.7 | | | | | | 25.3 | 25.3 | 5.6 | 70334 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722347 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81
MONTH: ALL

| MONTH | TS/MS | RAIN L/DR ORIZZLE | FRZING RAIN L/DR ORIZZLE | SNOW L/DR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE L/DR HAZE | BLOWING SNOW | DUST L/DR SAND | % OBS W/CHST TO VISION | TOTAL OBS |
|--------|-------|-------------------------|-----------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|---------------------------------|--------------|
| JAN | 4.2 | 36.9 | 1.0 | 2.7 | | 46.2 | 53.6 | 33.7 | | | 60.8 | 401 |
| FEB | 5.5 | 28.0 | .8 | 1.9 | | 26.3 | 45.7 | 34.6 | | | 55.1 | 361 |
| MAR | 6.0 | 33.6 | | .7 | .2 | 34.4 | 45.7 | 37.4 | | | 56.1 | 422 |
| APR | 6.7 | 26.7 | | | | 26.7 | 44.5 | 38.0 | | | 55.8 | 371 |
| MAY | 13.0 | 26.2 | | | .3 | 26.2 | 53.0 | 48.1 | | | 64.5 | 366 |
| JUN | 14.7 | 19.3 | | | .3 | 19.3 | 47.6 | 54.5 | | | 66.0 | 374 |
| JUL | 29.5 | 32.1 | | | .3 | 35.1 | 52.2 | 56.5 | | | 71.2 | 566 |
| AUG | 27.5 | 31.6 | | | | 31.6 | 62.8 | 52.4 | | | 73.7 | 422 |
| SEP | 13.2 | 31.5 | | | | 31.5 | 63.8 | 57.8 | | | 73.2 | 403 |
| OCT | 4.5 | 17.4 | | | | 17.4 | 53.2 | 45.1 | | | 60.9 | 419 |
| NOV | 6.5 | 24.7 | | .3 | | 24.7 | 44.6 | 39.4 | | | 57.3 | 366 |
| DEC | 4.4 | 32.6 | | .8 | | 32.6 | 47.8 | 32.4 | | | 55.6 | 383 |
| TOTALS | 11.6 | 28.6 | .1 | .5 | .1 | 28.6 | 51.2 | 44.2 | | | 62.5 | 4656 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87
MONTH: ALL

| MONTH | TSTMS | RAIN E/OR DRIZZLE | FALLING RAIN E/OR DRIZZLE | SNOW E/OR SLEET | HAIL | % OBS WITH PRECIP | FOG | SMOKE E/OR HAZE | BLOWING SNOW | DUST E/OR SAND | % OBS W/ OBST TO VISION | TOTAL OBS |
|--------|-------|-------------------------|------------------------------------|-----------------------|------|-------------------------|------|-----------------------|-----------------|----------------------|----------------------------------|--------------|
| JAN | 6.5 | 40.0 | 3.2 | 3.8 | .5 | 40.5 | 54.1 | 19.5 | .5 | | 67.0 | 185 |
| FEB | 11.8 | 49.1 | 1.2 | 1.8 | | 49.1 | 71.6 | 19.1 | | | 60.5 | 169 |
| MAR | 19.4 | 47.5 | | | | 47.5 | 73.2 | 44.7 | | | 79.9 | 174 |
| APR | 22.5 | 52.0 | | | .5 | 52.0 | 71.6 | 15.3 | | | 74.5 | 204 |
| MAY | 25.3 | 41.9 | | | 1.1 | 41.9 | 78.0 | 19.2 | | | 60.6 | 198 |
| JUN | 36.1 | 48.3 | | | .6 | 48.3 | 87.8 | 49.4 | | | 60.6 | 141 |
| JUL | 45.2 | 44.1 | | | | 44.1 | 74.2 | 11.6 | | | 64.4 | 186 |
| AUG | 36.6 | 41.4 | | | | 41.4 | 73.7 | 17.0 | | | 63.3 | 196 |
| SEP | 25.0 | 41.1 | | | .6 | 41.1 | 71.7 | 16.7 | | | 75.6 | 190 |
| OCT | 14.3 | 47.8 | | | | 47.8 | 78.5 | 41.9 | | | 61.7 | 196 |
| NOV | 13.9 | 50.0 | .6 | | | 50.0 | 70.6 | 12.8 | | | 73.3 | 180 |
| DEC | 10.8 | 44.1 | 1.6 | 2.2 | .5 | 45.2 | 54.8 | 24.2 | | | 62.4 | 186 |
| TOTALS | 22.5 | 45.6 | .5 | .6 | .3 | 45.7 | 71.6 | 40.9 | .0 | | 77.8 | 2207 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

AMOUNTS IN INCHES

| MONTH | NONE | TRACE | .01 | .02 TO .05 | .06 TO .10 | .11 TO .25 | .26 TO .50 | .51 TO 1.00 | 1.01 TO 2.50 | 2.51 TO 5.00 | 5.01 TO 10.00 | 10.01 TO 20.00 | OVER 20.00 | 2 DAYS WITH MEAS AMTS | TOTAL OBS | MONTHLY AMOUNTS | | |
|-------|------|-------|-----|------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|---------------------|----------------------|---------------|--------------------------------|--------------|-----------------|----------|-------|
| | | | | | | | | | | | | | | | | MEAN | GREATEST | LEAST |
| JAN | 47.0 | 11.2 | 3.2 | 7.0 | 7.5 | 7.4 | 6.7 | 6.7 | 6.3 | 2.1 | | | | 41.8 | 285 | 1.62 | 14.16 | .88 |
| FEB | 59.1 | 9.7 | 3.5 | 5.7 | 1.9 | 5.4 | 3.1 | 5.8 | 6.2 | .4 | | | | 31.3 | 259 | 4.62 | 7.02 | .73 |
| MAR | 47.1 | 12.1 | 1.7 | 6.7 | 4.7 | 5.4 | 3.4 | 9.8 | 4.4 | .3 | .3 | | | 40.7 | 297 | 4.35 | 10.45 | 1.44 |
| APR | 59.1 | 10.4 | 3.9 | 5.4 | 1.9 | 5.4 | 4.2 | 3.9 | 4.6 | .8 | .4 | | | 30.5 | 259 | .00 | 10.10 | .62 |
| MAY | 57.6 | 10.5 | 2.7 | 5.4 | 1.2 | 5.4 | 3.1 | 4.7 | 6.2 | 2.7 | | | | 31.9 | 257 | .00 | 12.67 | 1.15 |
| JUN | 46.7 | 5.3 | 1.5 | 3.8 | 3.4 | 2.3 | 4.9 | 5.7 | 4.9 | 1.1 | | | | 28.0 | 264 | .00 | 10.02 | .28 |
| JUL | 44.5 | 9.0 | 2.7 | 7.4 | 3.5 | 9.4 | 7.8 | 6.6 | 6.6 | 2.0 | | | | 46.5 | 256 | .00 | 15.06 | .68 |
| AUG | 53.6 | 8.0 | 3.6 | 6.9 | 4.3 | 7.2 | 5.1 | 6.9 | 3.6 | .7 | | | | 38.4 | 276 | .02 | 7.64 | TRACE |
| SEP | 54.3 | 7.8 | 5.1 | 6.3 | 3.5 | 5.5 | 5.9 | 5.1 | 5.5 | .8 | | .4 | | 37.9 | 256 | .97 | 19.60 | .36 |
| OCT | 70.3 | 6.6 | 1.2 | 1.9 | 2.7 | 3.5 | 7.9 | 4.2 | 5.0 | .8 | | | | 23.2 | 259 | 3.43 | 5.28 | .17 |
| NOV | 60.3 | 8.4 | 2.7 | 5.7 | 1.9 | 3.4 | 3.4 | 6.5 | 6.5 | 1.1 | | | | 31.3 | 262 | 4.50 | 7.85 | .00 |
| DEC | 55.6 | 7.0 | 3.3 | 6.7 | 3.3 | 4.4 | 5.2 | 5.9 | 6.3 | 2.2 | | | | 37.4 | 270 | 1.46 | 10.51 | 1.00 |
| ANN | 56.3 | 8.8 | 2.9 | 5.7 | 2.9 | 5.5 | 4.7 | 6.0 | 5.8 | 1.2 | .1 | .0 | | 34.9 | 3200 | 20.97 | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| AMOUNTS IN INCHES | | | | | | | | | | | | | | | | | | |
|-------------------|------|-------|-----|------|-----|------|-----|-----|------|------|------|-------|------|--------------------------------|--------------|-----------------|----------|-------|
| MONTH | NONE | TRACE | .01 | .02 | .06 | .11 | .26 | .51 | 1.01 | 2.51 | 5.01 | 10.01 | OVER | % DAYS WITH MEAS AMTS | TOTAL OBS | MONTHLY AMOUNTS | | |
| | | | | .10 | .10 | .10 | .10 | .10 | .10 | .10 | .10 | .10 | .10 | | | MEAN | GREATEST | LEAST |
| JAN | 59.5 | 9.7 | 1.1 | 8.6 | 3.8 | 7.0 | 3.8 | 2.2 | 3.8 | .5 | | | | 40.8 | 185 | 4.22 | 7.95 | .71 |
| FEB | 50.9 | 13.0 | 5.3 | 4.7 | 4.1 | 5.9 | 3.0 | 3.0 | 7.7 | 2.4 | | | | 36.1 | 169 | 7.00 | 11.03 | 3.09 |
| MAR | 53.6 | 14.5 | 1.1 | 4.4 | 2.8 | 5.0 | 7.8 | 2.8 | 1.7 | 2.2 | | | | 31.8 | 179 | 2.69 | 12.91 | .77 |
| APR | 49.5 | 13.7 | 1.0 | 10.8 | 2.9 | 6.4 | 5.9 | 4.9 | 2.9 | 2.3 | | | | 36.8 | 204 | 3.62 | 12.66 | 1.75 |
| MAY | 58.1 | 11.3 | 3.2 | 5.4 | 2.2 | 4.8 | 2.7 | 4.3 | 7.0 | 1.1 | | | | 30.6 | 186 | 5.87 | 10.24 | 2.31 |
| JUN | 51.7 | 11.1 | 1.7 | 5.0 | 1.7 | 10.6 | 7.2 | 3.9 | 6.1 | 1.1 | | | | 37.2 | 180 | 5.85 | 8.81 | 1.71 |
| JUL | 55.9 | 14.5 | 1.1 | 5.4 | 4.3 | 7.5 | 3.8 | 3.8 | 3.8 | | | | | 29.6 | 186 | 3.66 | 5.87 | 1.67 |
| AUG | 58.6 | 12.9 | | 5.9 | 2.7 | 6.5 | 4.8 | 2.2 | 6.5 | | | | | 28.5 | 186 | 4.32 | 5.24 | 3.22 |
| SEP | 56.9 | 11.1 | 2.2 | 4.4 | 3.3 | 6.1 | 3.3 | 2.8 | 6.1 | 1.7 | | | | 30.0 | 170 | 5.7 | 7.12 | 3.13 |
| OCT | 52.2 | 12.9 | 1.6 | 3.8 | 6.5 | 6.5 | 5.4 | 4.8 | 5.4 | 1.1 | | | | 34.9 | 186 | 6.02 | 16.89 | .36 |
| NOV | 49.4 | 18.3 | 1.1 | 6.1 | 2.8 | 7.8 | 1.7 | 3.9 | 6.7 | 2.2 | | | | 32.2 | 180 | 7.23 | 14.15 | 1.67 |
| DEC | 54.8 | 12.4 | 3.8 | 5.4 | 1.1 | 2.7 | 7.0 | 5.4 | 4.3 | 3.2 | | | | 32.8 | 186 | 7.96 | 18.63 | 3.03 |
| ANN | 54.4 | 12.9 | 1.9 | 6.2 | 3.2 | 6.4 | 4.7 | 3.7 | 5.2 | 1.5 | | | | 32.6 | 2207 | 63.72 | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-91

| YEAR | 24 HOUR AMOUNTS IN INCHES -M-O-N-T-H-S- | | | | | | | | | | | | ALL MONTHS |
|-----------|--|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|---------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | |
| 64 | | | | | | | | | *1.03 | *.17 | | | |
| 65 | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | *.63 | *1.40 | *.73 | *.76 | *2.87 | *3.21 | *.18 | *TRACE | *.21 | *2.75 | *1.75 | *.63 | *3.21 |
| 70 | *3.26 | *.73 | *.96 | *1.75 | *.67 | *.1 | *.73 | *.89 | *1.24 | *1.67 | *.00 | *1.46 | *3.26 |
| 71 | *.54 | *1.50 | *1.39 | *.29 | *1.51 | *1.32 | *2.01 | *1.08 | *1.04 | *2.04 | *1.65 | *4.54 | *4.54 |
| 72 | *1.76 | *.61 | *1.95 | *.78 | *1.64 | *1.37 | *2.60 | *.83 | *1.30 | *2.40 | *1.82 | *2.65 | *2.65 |
| 73 | *2.21 | *2.38 | *6.20 | *3.07 | *3.84 | *1.95 | *2.99 | *2.80 | *3.78 | *1.38 | *1.87 | *1.71 | *6.20 |
| 74 | *4.23 | *.87 | *2.27 | *1.30 | *1.87 | *.95 | *2.82 | *1.70 | *2.85 | *1.69 | *3.52 | *2.17 | *4.23 |
| 75 | *1.26 | *1.12 | *1.54 | *2.35 | *4.23 | *2.23 | *1.35 | *3.24 | *1.66 | *4.32 | *.75 | *1.56 | *4.32 |
| 76 | *1.24 | *1.13 | *1.57 | *.68 | *2.91 | *3.20 | *1.39 | *.65 | *1.02 | *2.00 | *1.78 | *2.09 | *3.20 |
| 77 | *1.41 | *2.21 | *2.65 | *3.38 | *2.95 | *1.13 | *.88 | *1.98 | *2.50 | *2.28 | *2.88 | *3.27 | *3.38 |
| 78 | *3.24 | *1.89 | *1.22 | *.53 | *.83 | *4.78 | *1.04 | *1.77 | *1.15 | *.44 | *1.71 | *1.47 | *4.78 |
| 79 | *4.00 | *1.46 | *1.77 | *1.78 | *3.70 | *.52 | *4.84 | *.72 | *14.43 | *2.26 | *3.95 | *3.61 | *14.43 |
| 90 | *3.53 | *1.85 | *2.20 | *5.74 | *2.31 | *.42 | *1.53 | .02 | .40 | 1.50 | 1.61 | 1.46 | *5.74 |
| 81 | .68 | 3.59 | 2.36 | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | 285 | 259 | 297 | 259 | 257 | 264 | 256 | 276 | 256 | 259 | 262 | 270 | 3200 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
ETC

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-97

| YEAR | 24 HOUR AMOUNTS IN INCHES -M-O-N-T-H-S- | | | | | | | | | | | | ALL MONTHS |
|-----------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 81 | | | | 1.30 | 1.08 | 2.71 | 1.60 | 1.25 | 1.23 | .81 | 1.39 | 1.30 | |
| 82 | *1.21 | 3.39 | .48 | 1.95 | 1.69 | 1.50 | .69 | 1.79 | 3.02 | .89 | 4.44 | 4.87 | 4.87 |
| 83 | 4.16 | 2.48 | 1.99 | 1.23 | 3.03 | 1.64 | 1.29 | 2.17 | 1.80 | .12 | 3.66 | 3.98 | 4.16 |
| 84 | 1.84 | 3.89 | 1.20 | 3.92 | 2.78 | 3.55 | 2.11 | 1.84 | 3.32 | 2.13 | 1.92 | 1.33 | 3.92 |
| 85 | 1.82 | 3.71 | 2.68 | 1.08 | 1.27 | 1.03 | 1.69 | 1.32 | 1.37 | 3.28 | .71 | 2.60 | 3.71 |
| 86 | .25 | 1.55 | .35 | 1.84 | 2.50 | 2.16 | 1.27 | 1.37 | 3.08 | 1.28 | 3.39 | 1.81 | 3.39 |
| 87 | 1.81 | 2.64 | *2.64 | *2.64 | | | | | | | | | |
| MEAN | 1.976 | 2.943 | 1.340 | 1.987 | 2.058 | 2.098 | 1.442 | 1.623 | 2.303 | 1.418 | 2.585 | 2.648 | 3.795 |
| S.D. | 1.398 | .887 | .995 | 1.055 | .821 | .916 | .480 | .366 | .941 | 1.125 | 1.458 | 1.481 | .527 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| TOTAL MONTHLY PRECIPITATION IN INCHES | | | | | | | | | | | | | |
|---------------------------------------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|------------|
| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | |
| 64 | | | | | | | | | *1.63 | *.17 | | | |
| 65 | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | *.88 | *2.18 | *1.44 | *.86 | *3.62 | *3.98 | *.68 | *TRACE | *.36 | *3.83 | *2.50 | *1.00 | |
| 70 | *3.28 | *.73 | *2.32 | *2.15 | *1.15 | *.28 | *1.05 | *1.26 | *3.89 | *4.20 | *.00 | *4.05 | *26.27 |
| 71 | *1.03 | *2.94 | *4.67 | *.62 | *4.23 | *2.21 | *7.01 | *4.28 | *3.66 | *4.41 | *4.38 | *10.51 | *49.95 |
| 72 | *7.06 | *1.78 | *5.87 | *1.56 | *3.53 | *3.45 | *8.41 | *2.93 | *2.75 | *5.17 | *4.44 | *7.27 | *54.22 |
| 73 | *6.97 | *5.69 | *10.45 | *8.19 | *8.48 | *9.30 | *7.42 | *7.64 | *7.93 | *4.02 | *4.79 | *3.82 | *84.70 |
| 74 | *14.16 | *2.91 | *5.74 | *2.88 | *5.36 | *1.90 | *6.16 | *5.01 | *5.50 | *3.19 | *7.76 | *7.90 | *68.47 |
| 75 | *3.75 | *3.00 | *5.03 | *6.89 | *12.67 | *10.02 | *6.78 | *6.16 | *4.04 | *5.28 | *1.41 | *4.56 | *69.59 |
| 76 | *2.03 | *2.42 | *7.69 | *1.49 | *7.01 | *6.70 | *3.01 | *1.69 | *1.63 | *2.83 | *4.08 | *6.22 | *46.80 |
| 77 | *4.68 | *2.43 | *10.08 | *4.33 | *2.95 | *2.31 | *2.53 | *7.11 | *6.69 | *4.38 | *7.85 | *4.86 | *60.60 |
| 78 | *9.84 | *3.44 | *2.50 | *.77 | *2.89 | *6.08 | *4.29 | *4.10 | *3.14 | *.44 | *4.74 | *2.47 | *44.70 |
| 79 | *13.60 | *7.02 | *6.81 | *6.94 | *7.43 | *1.52 | *15.06 | *2.63 | *19.60 | *4.34 | *4.81 | *5.23 | *94.99 |
| 80 | *5.77 | *5.04 | *9.12 | *10.10 | *6.48 | *.46 | *5.10 | .02 | .97 | 3.43 | 4.50 | 1.46 | *52.45 |
| 81 | 1.62 | 4.62 | 4.35 | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | 285 | 259 | 297 | 259 | 257 | 264 | 256 | 276 | 256 | 259 | 262 | 270 | 3200 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

LIMITED DUTY S
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| TOTAL MONTHLY PRECIPITATION IN INCHES | | | | | | | | | | | | |
|---------------------------------------|---------------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| YEAR | -M-O-N-T-H-S- | | | | | | | | | | | |
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
| 81 | | | | 1.75 | 4.85 | 8.20 | 5.87 | 3.70 | 3.13 | 2.68 | 2.71 | 3.19 |
| 82 | *2.97 | 5.86 | 1.45 | 5.59 | 2.31 | 6.11 | 2.01 | 3.99 | 4.48 | 2.33 | 14.15 | 18.63 |
| 83 | 7.95 | 5.86 | 4.77 | 3.08 | 10.24 | 5.92 | 1.67 | 5.24 | 5.14 | .36 | 8.67 | 11.44 |
| 84 | 4.86 | 11.03 | 2.34 | 5.68 | 6.66 | 4.37 | 5.04 | 4.56 | 6.11 | 8.66 | 7.27 | 3.03 |
| 85 | 3.32 | 8.76 | 4.13 | 2.22 | 2.80 | 1.71 | 3.71 | 3.22 | 5.67 | 16.89 | 1.67 | 4.84 |
| 86 | .71 | 3.09 | .77 | 3.38 | 8.36 | 8.81 | 3.65 | 5.20 | 7.12 | 5.17 | 8.88 | 6.65 |
| 87 | 4.28 | 7.92 | *12.91 | *12.66 | | | | | | | | |
| MEAN | 4.224 | 7.003 | 2.692 | 3.617 | 5.870 | 5.853 | 3.658 | 4.318 | 5.275 | 6.015 | 7.225 | 7.563 |
| S.D. | 2.620 | 2.704 | 1.714 | 1.669 | 3.132 | 2.596 | 1.642 | .822 | 1.379 | 6.044 | 4.561 | 6.074 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| MONTH | NONE | TRACE | AMOUNTS IN INCHES | | | | | | | | | | | | % DAYS WITH MEAS AMTS | TOTAL OBS | MONTHLY AMOUNTS | | |
|-------|-------|-------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------|------|--------------------------------|--------------|-----------------|-------|--|
| | | | C-1 TO 0.4 | 0.5 TO 1.4 | 1.5 TO 2.4 | 2.5 TO 3.4 | 3.5 TO 4.4 | 4.5 TO 6.4 | 6.5 TO 10.4 | 10.5 TO 15.4 | 15.5 TO 25.4 | 25.5 TO 50.4 | OVER 50.4 | MEAN | | | GREATEST | LEAST | |
| | | | | | | | | | | | | | | | | | | | |
| JAN | 94.8 | 2.8 | .8 | 1.2 | .4 | | | | | | | | | 2.4 | 251 | .0 | 4.0 | .0 | |
| FEB | 98.7 | 1.3 | | | | | | | | | | | | | 227 | TRACE | TRACE | .0 | |
| MAR | 99.6 | .4 | | | | | | | | | | | | | 274 | TRACE | TRACE | .0 | |
| APR | 100.0 | | | | | | | | | | | | | | 242 | .0 | .0 | .0 | |
| MAY | 100.0 | | | | | | | | | | | | | | 240 | .0 | .0 | .0 | |
| JUN | 100.0 | | | | | | | | | | | | | | 245 | .0 | .0 | .0 | |
| JUL | 100.0 | | | | | | | | | | | | | | 240 | .0 | .0 | .0 | |
| AUG | 100.0 | | | | | | | | | | | | | | 261 | .0 | .0 | .0 | |
| SEP | 100.0 | | | | | | | | | | | | | | 241 | .0 | .0 | .0 | |
| OCT | 100.0 | | | | | | | | | | | | | | 240 | .0 | .0 | .0 | |
| NOV | 100.0 | | | | | | | | | | | | | | 233 | .0 | .0 | .0 | |
| DEC | 99.1 | .9 | | | | | | | | | | | | | 233 | TRACE | TRACE | .0 | |
| ANN | 99.3 | .4 | .1 | .1 | .0 | | | | | | | | | .2 | 2927 | .0 | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

LIMITED DUTY ST
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| 24 HOUR AMOUNTS IN INCHES | | | | | | | | | | | | | |
|---------------------------|--------|--------|--------|-----|-----|----------------------|-----|-----|-----|-----|-----|--------|---------------|
| YEAR | JAN | FEB | MAR | APR | MAY | -M-O-N-T-H-S- JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
| 52 | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | |
| 64 | | | | | | | | | *.0 | *.0 | | | |
| 65 | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | |
| 70 | | | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | |
| 71 | *1.0 | *.0 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *1.0 |
| 72 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE |
| 73 | *2.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE | *2.0 |
| 74 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 |
| 75 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 |
| 76 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 |
| 77 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE |
| 78 | *.4 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE | *.4 |
| 79 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE |
| 80 | *.0 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | .0 | .0 | .0 | .0 | .0 | *TRACE |
| 81 | .0 | .0 | .0 | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | 251 | 227 | 274 | 242 | 240 | 245 | 240 | 261 | 741 | 240 | 233 | 233 | 2927 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

LIMITED DUTY ST
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-P7

| YEAR | 24 HOUR AMOUNTS IN INCHES | | | | | | | | | | | | ALL MONTHS |
|-----------|---------------------------|-------|------|------|------|------|------|------|------|------|------|-------|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 81 | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| 82 | *2.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | *2.2 |
| 83 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 84 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 85 | .3 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 |
| 86 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 87 | TRACE | .0 | *.0 | *.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| MEAN | .06 | TRACE | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | .08 |
| S.D. | .134 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .150 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

LIMITED DUTY ST
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 67-81

| YEAR | TOTAL MONTHLY SNOWFALL IN INCHES | | | | | | | | | | | | ALL MONTHS |
|-----------|----------------------------------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|--------|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | *.0 | *.0 | | | |
| 64 | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | |
| 70 | | | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | |
| 71 | *1.0 | *.0 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *1.0 |
| 72 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE |
| 73 | *4.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE | *4.0 |
| 74 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 |
| 75 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 |
| 76 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 |
| 77 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE |
| 78 | *.6 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE | *.6 |
| 79 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE |
| 80 | *.0 | *TRACE | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *.0 | *TRACE |
| 81 | .0 | .0 | .0 | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | 251 | 227 | 274 | 242 | 240 | 245 | 240 | 261 | 241 | 240 | 233 | 233 | 2927 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| YEAR | TOTAL MONTHLY SNOWFALL IN INCHES | | | | | | | | | | | | ALL MONTHS |
|-----------|----------------------------------|-------|------|------|------|---------------|------|------|------|------|------|-------|------------|
| | JAN | FEB | MAR | APR | MAY | -M-O-N-T-H-S- | | AUG | SEP | OCT | NOV | DEC | |
| | | | | | | JUN | JUL | | | | | | |
| 81 | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | |
| 82 | *2.2 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | *2.2 |
| 83 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 84 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 85 | .3 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 |
| 86 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 87 | TRACE | .0 | *.0 | *.0 | | | | | | | | | |
| MEAN | .06 | TRACE | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | .08 |
| S.D. | .134 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .150 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| MONTH | AMOUNTS IN INCHES | | | | | | | | | | | | | | % DAYS WITH MEAS AMTS | TOTAL OBS | MONTHLY AMOUNTS | | |
|-------|-------------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------|------|--------------------------------|--------------|-----------------|-------|--|
| | NONE | TRACE | 0.1 TO 0.4 | 0.5 TO 1.4 | 1.5 TO 2.4 | 2.5 TO 3.4 | 3.5 TO 4.4 | 4.5 TO 6.4 | 6.5 TO 10.4 | 10.5 TO 15.4 | 15.5 TO 25.4 | 25.5 TO 50.4 | OVER 50.4 | MEAN | | | GREATEST | LEAST | |
| | | | | | | | | | | | | | | | | | | | |
| JAN | 96.8 | 2.2 | .5 | | .5 | | | | | | | | | 1.1 | 185 | .1 | 2.2 | .0 | |
| FEB | 98.2 | 1.8 | | | | | | | | | | | | | 169 | TRACE | TRACE | .0 | |
| MAR | 100.0 | | | | | | | | | | | | | | 179 | .0 | .0 | .0 | |
| APR | 100.0 | | | | | | | | | | | | | | 204 | .0 | .0 | .0 | |
| MAY | 100.0 | | | | | | | | | | | | | | 196 | .0 | .0 | .0 | |
| JUN | 100.0 | | | | | | | | | | | | | | 180 | .0 | .0 | .0 | |
| JUL | 100.0 | | | | | | | | | | | | | | 186 | .0 | .0 | .0 | |
| AUG | 100.0 | | | | | | | | | | | | | | 186 | .0 | .0 | .0 | |
| SEP | 100.0 | | | | | | | | | | | | | | 180 | .0 | .0 | .0 | |
| OCT | 100.0 | | | | | | | | | | | | | | 186 | .0 | .0 | .0 | |
| NOV | 100.0 | | | | | | | | | | | | | | 180 | .0 | .0 | .0 | |
| DEC | 97.8 | 2.2 | | | | | | | | | | | | | 186 | TRACE | TRACE | .0 | |
| ANN | 99.4 | .5 | .0 | | .0 | | | | | | | | | .1 | 2207 | .1 | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

LIMITED DUTY ST
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| MONTH | AMOUNTS IN INCHES | | | | | | | | | | | | | % DAYS WITH MEAS AMTS | TOTAL OBS | MONTHLY AMOUNTS | |
|-------|-------------------|-------|---|----|---|--------------|---------------|----------------|----------------|----------------|----------------|-----------------|-------------|--------------------------------|--------------|-----------------|--------------|
| | NONE | TRACE | 1 | 2 | 3 | 4 TO 6 | 7 TO 12 | 13 TO 24 | 25 TO 36 | 37 TO 48 | 49 TO 60 | 61 TO 120 | OVER 120 | | | MEAN | GREATEST LEA |
| JAN | 98.9 | .5 | | .5 | | | | | | | | | | .5 | 185 | | |
| FEB | 99.4 | .6 | | | | | | | | | | | | | 16 | | |
| MAR | 100.0 | | | | | | | | | | | | | | 179 | | |
| APR | 100.0 | | | | | | | | | | | | | | 204 | | |
| MAY | 100.0 | | | | | | | | | | | | | | 186 | | |
| JUN | 100.0 | | | | | | | | | | | | | | 180 | | |
| JUL | 100.0 | | | | | | | | | | | | | | 186 | | |
| AUG | 100.0 | | | | | | | | | | | | | | 186 | | |
| SEP | 100.0 | | | | | | | | | | | | | | 180 | | |
| OCT | 100.0 | | | | | | | | | | | | | | 186 | | |
| NOV | 100.0 | | | | | | | | | | | | | | 180 | | |
| DEC | 100.0 | | | | | | | | | | | | | | 186 | | |
| ANN | 99.9 | .1 | | .0 | | | | | | | | | | .0 | 2207 | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

LIMITED DUTY S
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-61

| MONTH | AMOUNTS IN INCHES | | | | | | | | | | | | | % DAYS WITH MEAS AMTS | TOTAL OBS | MONTHLY AMOUNTS | | |
|-------|-------------------|-------|-----|---|---|--------------|---------------|----------------|----------------|----------------|----------------|-----------------|-------------|--------------------------------|--------------|-----------------|----------|-----|
| | NONE | TRACE | 1 | 2 | 3 | 4 TO 6 | 7 TO 12 | 13 TO 24 | 25 TO 36 | 37 TO 48 | 49 TO 60 | 61 TO 120 | OVER 120 | | | MEAN | GREATEST | LEA |
| JAN | 97.3 | 1.7 | 1.0 | | | | | | | | | | | 1.0 | 296 | | | |
| FEB | 99.2 | .8 | | | | | | | | | | | | | 246 | | | |
| MAR | 100.0 | | | | | | | | | | | | | | 295 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 264 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 262 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 265 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 295 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 286 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 279 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 285 | | | |
| NOV | 100.0 | | | | | | | | | | | | | | 272 | | | |
| DEC | 100.0 | | | | | | | | | | | | | | 274 | | | |
| ANN | 99.7 | .2 | .1 | | | | | | | | | | | .1 | 3309 | | | |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

LIMITED DUTY ST.
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

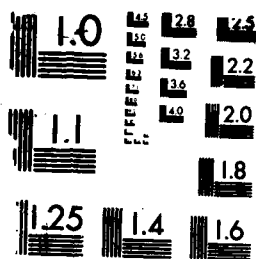
PERIOD OF RECORD: 81-87

| YEAR | DAILY SNOW DEPTH IN INCHES | | | | | | | | | | | | ALL MONTHS |
|-----------|----------------------------|-------|------|------|------|---------------|------|------|------|------|------|------|------------|
| | JAN | FEB | MAR | APR | MAY | -M-O-N-T-H-S- | | AUG | SEP | OCT | NOV | DEC | |
| | | | | | | JUN | JUL | | | | | | |
| 81 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 82 | *2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *2 |
| 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85 | TRACE | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87 | 0 | 0 | *0 | *0 | | | | | | | | | |
| MEAN | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| S.D. | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

AD-A183 385 FT POLK LOUISIANA LIMITED SURFACE OBSERVATIONS CLIMATIC 4/4
SUMMARY FY1985 (U) AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER SCOTT AFB 14 JUL 87
UNCLASSIFIED USAFETAC/DS-87/045 F/G 4/2 NL

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MICRO COPY RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

LIMITED DUTY S1
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| YEAR | DAILY SNOW DEPTH IN INCHES | | | | | | | | | | | | ALL MONTHS |
|-----------|----------------------------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 62 | | | | | | | | | | | | | |
| 63 | *TRACE | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *TRACE |
| 64 | *0 | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | |
| 70 | | | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | |
| 71 | *1 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *1 |
| 72 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 |
| 73 | *1 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *1 |
| 74 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 |
| 75 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 |
| 76 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 |
| 77 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 |
| 78 | *1 | *TRACE | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *1 |
| 79 | *TRACE | *TRACE | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *TRACE |
| 80 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 | *0 |
| 81 | 0 | 0 | 0 | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | 296 | 246 | 295 | 264 | 262 | 265 | 285 | 286 | 279 | 285 | 272 | 274 | 3309 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-YR

| YEAR | DAILY PEAK GUSTS IN KNOTS | | | | | | | | | | | | ALL MONTHS |
|-----------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | E *27 | SSW*11 | | | |
| 64 | NNW*26 | NW *32 | NNW*43 | S *35 | N *33 | SSW*30 | SE *27 | E *33 | ESE*21 | N *39 | NW *32 | S *30 | NNW*43 |
| 65 | SSW*34 | NW *43 | NW *45 | S *28 | W *41 | NNW*40 | E *25 | E *27 | NNW*30 | ENE*25 | W *35 | ESE*33 | NW *45 |
| 66 | SSE*31 | NNW*52 | S *29 | S *33 | S *29 | NNE*24 | SSW*29 | W *20 | N *32 | NW *30 | W *31 | W *40 | NNW*52 |
| 67 | W *36 | W *34 | NNW*30 | SE *32 | NW *42 | N *45 | SW *31 | E *19 | NE *32 | NNW*31 | | | |
| 68 | | | | | | | | 17* 27 | 31* 25 | 33* 45 | 27* 36 | 29* 46 | |
| 69 | 19* 42 | 10* 29 | 31* 38 | 11* 33 | 29* 60 | 17* 34 | 6* 38 | 15* 22 | 14* 29 | 9* 22 | 32* 37 | 32* 34 | 29* 60 |
| 70 | 32* 38 | 33* 32 | 34* 36 | 29* 35 | 18* 28 | 27* 27 | 18* 29 | 18* 31 | 15* 28 | 31* 34 | 18* 33 | 30* 26 | 32* 38 |
| 71 | 34* 25 | 30* 44 | 33* 36 | 30* 38 | 15* 37 | 20* 34 | 29* 51 | 35* 30 | 12* 37 | 18* 27 | 12* 28 | 21* 43 | 29* 51 |
| 72 | 19* 26 | 31* 35 | 31* 41 | 16* 27 | 15* 19 | 17* 26 | 11* 28 | 24* 28 | 25* 24 | 10* 24 | 19* 26 | 31* 33 | 31* 41 |
| 73 | 27* 41 | 37* 29 | 16* 37 | 25* 36 | 20* 45 | 15* 35 | 31* 34 | 16* 29 | 11* 28 | 35* 31 | 29* 35 | 16* 39 | 28* 45 |
| 74 | 31* 40 | 28* 35 | 32* 32 | 16* 35 | 16* 27 | 16* 29 | 16* 25 | 19* 28 | 1* 31 | 13* 19 | 26* 29 | 30* 37 | 31* 40 |
| 75 | 3* 54 | 31* 25 | 11* 40 | 26* 64 | 9* 52 | 12* 47 | 26* 40 | 35* 34 | 16* 36 | 16* 24 | 32* 37 | 9* 36 | 26* 64 |
| 76 | 31* 36 | 26* 31 | 32* 28 | 13* 39 | 33* 29 | 31* 47 | 16* 20 | 9* 22 | 17* 28 | 29* 23 | 28* 20 | 33* 28 | 31* 47 |
| 77 | 33* 33 | 30* 27 | 20* 37 | 18* 29 | 13* 19 | 35* 21 | 20* 27 | 10* 31 | 21* 40 | 1* 25 | 28* 29 | 18* 32 | 21* 40 |
| 78 | 29* 37 | 31* 33 | 14* 31 | 32* 30 | 28* 34 | 16* 26 | 10* 33 | 20* 24 | 17* 27 | 34* 25 | 27* 26 | 20* 27 | 29* 37 |
| 79 | 29* 36 | 31* 46 | 34* 43 | 19* 37 | 23* 54 | 17* 32 | 30* 34 | 13* 39 | 31* 25 | 15* 35 | 26* 22 | 18* 20 | 20* 54 |
| 80 | 25* 24 | 36* 26 | 33* 25 | 31* 32 | 34* 24 | 19* 18 | 11* 52 | 21* 20 | 7* 22 | 19* 27 | 5* 20 | 2* 23 | 11* 52 |
| 81 | 35/ 20 | 25/ 38 | 33/ 30 | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | 358 | 329 | 389 | 346 | 338 | 342 | 330 | 375 | 159 | 369 | 323 | 338 | 4196 |

NOTES * BASED ON LESS THAN FULL MONTHS
% BASED ON LESS THAN FULL MONTHS AND *100 KNOTS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

LIMITED DUTY S
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-97

| YEAR | DAILY PEAK GUSTS IN KNOTS | | | | | | | | | | | | ALL MONTHS |
|-----------|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 81 | | | | 18/ 31 | 35/ 25 | 19/ 30 | 18/ 21 | 20/ 19 | 33/ 16 | 1/ 24 | 32/ 24 | 19/ 20 | 18/ 36 |
| 82 | 34/ 24 | 37/ 20 | 3/ 25 | 5/ 30 | 18/ 30 | 22/ 28 | 36/ 23 | 21/ 25 | 8/ 30 | 20/ 20 | 34/ 29 | 18/ 36 | 35/ 32 |
| 83 | 23/ 18 | 35/ 32 | 30/ 26 | 31/ 31 | 1/ 29 | 27/ 30 | 1* 18 | 15/ 26 | 17/ 21 | 35/ 18 | 20/ 30 | 20/ 32 | 29/ 35 |
| 84 | 1/ 25 | 37/ 32 | 29/ 35 | 12/ 30 | 30/ 31 | 15/ 24 | 18/ 30 | 26/ 30 | 23/ 18 | 34/ 29 | 33/ 24 | 23/ 32 | 2/ 41 |
| 85 | 3/ 35 | 34/ 36 | 10/ 30 | 20/ 32 | 30/ 25 | 2/ 21 | 33/ 25 | 22/ 37 | 33/ 25 | 7/ 41 | 36/ 25 | 19/ 21 | 20/ 32 |
| 86 | 34/ 30 | 28/ 30 | 20/ 32 | 35/ 24 | 31/ 29 | 24/ 32 | 16/ 26 | 36/ 26 | 20/ 20 | 16/ 23 | 1/ 26 | 4/ 26 | |
| 87 | 27/ 41 | 17/ 34 | 17* 34 | 17* 34 | | | | | | | | | |
| MEAN | 28.8 | 30.7 | 29.6 | 29.7 | 28.2 | 27.5 | 25.0 | 27.2 | 22.0 | 25.8 | 26.3 | 27.9 | 36.0 |
| S.D. | 6.280 | 5.610 | 4.159 | 2.875 | 2.563 | 4.183 | 5.391 | 5.981 | 5.799 | 8.329 | 2.582 | 6.524 | 3.742 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 175 | 186 | 180 | 186 | 180 | 184 | 2144 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
% (BASED ON LESS THAN FULL MONTHS AND *100 KNOTS)

LIMITED DUTY STI
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722390

STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| TEMPERATURE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| GE 100 | | | | | | .8 | 3.3 | .9 | .2 | | | | .4 |
| GE 95 | | | | | .8 | 13.1 | 25.3 | 14.7 | 5.5 | | | | 4.9 |
| GE 90 | | | | .8 | 9.0 | 55.9 | 71.5 | 65.4 | 34.7 | 4.3 | | | 20.2 |
| GE 85 | | | 1.2 | 13.2 | 50.8 | 85.3 | 91.6 | 91.7 | 66.3 | 24.6 | 1.1 | | 35.6 |
| GE 80 | | 1.4 | 11.4 | 47.2 | 74.0 | 94.7 | 98.4 | 98.1 | 83.4 | 49.6 | 10.1 | .3 | 47.5 |
| GE 75 | 6.0 | 9.7 | 30.1 | 73.6 | 90.7 | 99.2 | 99.7 | 99.8 | 94.0 | 68.3 | 27.7 | 7.6 | 59.0 |
| GE 70 | 17.7 | 26.4 | 51.2 | 94.6 | 96.7 | 99.7 | 100.0 | 100.0 | 97.8 | 85.0 | 47.3 | 22.5 | 69.2 |
| GE 65 | 32.4 | 40.3 | 72.7 | 93.5 | 98.6 | 100.0 | | | 100.0 | 93.6 | 61.0 | 38.4 | 77.9 |
| GE 60 | 45.6 | 66.4 | 85.1 | 97.3 | 100.0 | | | | | 96.7 | 74.5 | 55.6 | 84.4 |
| GE 55 | 58.4 | 70.6 | 92.9 | 99.7 | | | | | | 99.0 | 86.4 | 71.3 | 90.0 |
| GE 50 | 68.6 | 85.3 | 96.0 | 100.0 | | | | | | 100.0 | 94.3 | 81.5 | 91.8 |
| GE 45 | 79.1 | 90.0 | 98.6 | | | | | | | | 98.4 | 89.6 | 96.3 |
| GE 40 | 94.3 | 97.2 | 99.5 | | | | | | | | 99.7 | 97.1 | 98.5 |
| GE 35 | 95.5 | 99.2 | 100.0 | | | | | | | | 100.0 | 99.5 | 99.5 |
| GE 30 | 99.3 | 100.0 | | | | | | | | | | 100.0 | 99.9 |
| GE 25 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 56.5 | 60.8 | 68.9 | 77.4 | 83.0 | 89.3 | 91.4 | 90.7 | 86.1 | 78.0 | 67.1 | 60.1 | 74.8 |
| SU | 12.789 | 10.962 | 9.141 | 7.108 | 6.123 | 5.105 | 4.016 | 4.254 | 6.566 | 8.284 | 10.269 | 10.715 | 14.805 |
| TOTAL OPS | 401 | 360 | 422 | 371 | 366 | 374 | 368 | 422 | 403 | 419 | 368 | 383 | 4657 |

LIMITED DUTY ST
SEE CAVEATS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722390

STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| TEMPERATURE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| GE 100 | | | | | | | .5 | 1.6 | | | | | .2 |
| GE 95 | | | | .5 | | 3.3 | 17.2 | 18.8 | 1.1 | | | | 3.4 |
| GE 90 | | | | | 6.5 | 50.0 | 80.1 | 79.0 | 29.4 | .5 | | | 20.5 |
| GE 85 | | .6 | 1.7 | 6.4 | 38.7 | 81.7 | 97.3 | 96.2 | 72.2 | 23.7 | .6 | | 34.9 |
| GE 80 | | 4.1 | 13.4 | 39.7 | 74.7 | 95.0 | 98.9 | 98.9 | 97.2 | 48.9 | 10.6 | .5 | 47.9 |
| GE 75 | 4.3 | 11.2 | 36.3 | 62.3 | 91.9 | 100.0 | 100.0 | 100.0 | 95.0 | 68.3 | 31.1 | 10.2 | 59.6 |
| GE 70 | 15.7 | 29.6 | 59.8 | 70.4 | 100.0 | | | | 97.8 | 88.2 | 55.0 | 25.8 | 71.4 |
| GE 65 | 30.8 | 46.2 | 75.4 | 86.3 | | | | | 100.0 | 95.7 | 72.8 | 38.7 | 79.1 |
| GE 60 | 43.8 | 60.4 | 87.7 | 92.2 | | | | | | 98.9 | 85.6 | 51.1 | 85.1 |
| GE 55 | 62.7 | 71.0 | 95.5 | 98.5 | | | | | | 100.0 | 94.4 | 67.7 | 91.0 |
| GE 50 | 75.1 | 83.4 | 98.9 | 100.0 | | | | | | | 98.9 | 61.7 | 99.9 |
| GE 45 | 84.4 | 94.7 | 100.0 | | | | | | | | 100.0 | 90.9 | 97.6 |
| GE 40 | 94.1 | 97.0 | | | | | | | | | | 95.7 | 98.9 |
| GE 35 | 99.5 | 99.4 | | | | | | | | | | 97.3 | 99.7 |
| GE 30 | 100.0 | 100.0 | | | | | | | | | | 98.9 | 99.9 |
| GE 25 | | | | | | | | | | | | 99.5 | 100.0 |
| GE 20 | | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 57.6 | 61.9 | 70.3 | 75.2 | 82.6 | 88.6 | 91.9 | 91.7 | 86.1 | 78.1 | 69.4 | 60.2 | 76.1 |
| SD | 10.804 | 11.143 | 8.599 | 8.630 | 5.033 | 4.436 | 3.318 | 3.681 | 5.541 | 7.292 | 6.420 | 11.687 | 14.169 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390

STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| TEMP(F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| GF 80 | | | | | .3 | 2.9 | 3.8 | .7 | | | | | .6 |
| GE 75 | | | | 1.1 | 4.6 | 26.7 | 42.1 | 25.4 | 11.9 | 1.0 | .3 | | 9.4 |
| GE 70 | | | 1.9 | 16.2 | 23.0 | 72.2 | 89.9 | 82.5 | 53.8 | 9.5 | 2.7 | .5 | 29.4 |
| GE 65 | 5.0 | 1.7 | 12.3 | 37.2 | 61.5 | 87.4 | 99.7 | 97.4 | 78.7 | 23.4 | 7.6 | 6.5 | 43.2 |
| GE 60 | 12.0 | 8.9 | 22.3 | 56.1 | 81.4 | 97.6 | 100.0 | 100.0 | 91.3 | 41.8 | 20.9 | 10.4 | 53.6 |
| GE 55 | 18.0 | 16.7 | 38.2 | 74.9 | 93.4 | 99.7 | | | 96.3 | 59.4 | 33.7 | 19.1 | 62.5 |
| GE 50 | 25.9 | 27.2 | 52.6 | 87.6 | 98.4 | 100.0 | | | 94.0 | 77.1 | 45.9 | 20.8 | 71.5 |
| GE 45 | 35.7 | 41.7 | 71.1 | 91.5 | 100.0 | | | | 99.5 | 91.4 | 63.0 | 42.6 | 78.4 |
| GE 40 | 49.9 | 57.2 | 84.8 | 97.6 | | | | | 100.0 | 97.6 | 76.9 | 59.8 | 85.5 |
| GE 35 | 66.1 | 75.0 | 94.8 | 100.0 | | | | | | 99.8 | 91.6 | 76.5 | 92.1 |
| GE 30 | 72.6 | 80.6 | 96.9 | | | | | | | | 95.7 | 82.2 | 94.0 |
| GE 25 | 81.0 | 87.8 | 98.8 | | | | | | | 100.0 | 97.6 | 87.7 | 96.1 |
| GE 20 | 93.0 | 96.7 | 99.8 | | | | | | | | 99.2 | 97.4 | 98.8 |
| GE 15 | 97.3 | 99.7 | 100.0 | | | | | | | | 100.0 | 99.2 | 99.7 |
| GE 10 | 99.5 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| GE 5 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 41.2 | 42.7 | 50.8 | 60.1 | 65.1 | 71.3 | 73.8 | 72.1 | 68.6 | 57.1 | 48.9 | 43.6 | 58.0 |
| SD | 12.762 | 11.049 | 10.380 | 8.755 | 6.168 | 5.152 | 3.305 | 3.397 | 6.103 | 9.010 | 10.852 | 11.688 | 14.652 |
| TOTAL OBS | 401 | 366 | 422 | 371 | 366 | 374 | 368 | 422 | 403 | 419 | 368 | 343 | 4657 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

LIMITED DUTY STI
SEE CAVEATS

STATION NUMBER: 722390

STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| TEMP(F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| GE 87 | | | | | | | .5 | | | | | | .7 |
| GE 75 | | | | | 1.6 | 13.3 | 51.1 | 41.9 | 8.3 | 2.7 | | .5 | 10.0 |
| GE 73 | | | | | 21.5 | 76.7 | 98.4 | 95.2 | 54.4 | 24.2 | 2.2 | 1.6 | 31.9 |
| GE 65 | 1.6 | 1.2 | 2.8 | 5.4 | 53.8 | 92.8 | 100.0 | 98.9 | 76.7 | 45.2 | 15.0 | 5.9 | 44.0 |
| GE 67 | 2.7 | 7.1 | 19.0 | 39.2 | 79.6 | 96.7 | | 100.0 | 87.2 | 58.1 | 22.2 | 12.9 | 52.3 |
| GE 55 | 9.2 | 13.6 | 31.3 | 54.9 | 93.0 | 99.4 | | | 93.3 | 71.0 | 37.8 | 16.1 | 60.3 |
| GE 57 | 14.1 | 29.0 | 55.3 | 82.4 | 99.5 | 100.0 | | | 98.3 | 84.4 | 57.8 | 25.8 | 70.9 |
| GE 45 | 23.2 | 47.3 | 72.6 | 90.2 | 100.0 | | | | 100.0 | 96.8 | 76.7 | 39.8 | 79.2 |
| GE 40 | 43.8 | 65.7 | 90.5 | 98.0 | | | | | | 100.0 | 89.4 | 61.3 | 87.6 |
| GE 35 | 68.1 | 83.4 | 96.6 | 100.0 | | | | | | | 96.7 | 82.8 | 94.1 |
| GE 33 | 81.1 | 91.1 | 98.9 | | | | | | | | 98.3 | 88.2 | 96.5 |
| GE 30 | 90.3 | 95.9 | 100.0 | | | | | | | | 100.0 | 92.5 | 98.2 |
| GE 25 | 95.7 | 99.4 | | | | | | | | | | 95.7 | 99.2 |
| GE 20 | 98.4 | 100.0 | | | | | | | | | | 97.3 | 99.6 |
| GE 15 | 99.5 | | | | | | | | | | | 99.5 | 99.9 |
| GE 10 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 39.3 | 44.2 | 50.8 | 56.9 | 64.4 | 71.0 | 74.5 | 74.1 | 68.1 | 60.9 | 51.7 | 43.4 | 58.3 |
| STD | 9.469 | 9.241 | 9.062 | 8.699 | 5.933 | 4.140 | 2.372 | 2.752 | 6.648 | 9.376 | 9.774 | 11.436 | 14.237 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390

STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| TEMP(F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| GE 90 | | | | | | 1.1 | 2.7 | .5 | | | | | .3 |
| GE 85 | | | | | | 17.4 | 32.6 | 18.7 | 7.2 | | | | 6.3 |
| GE 80 | | | | | 15.3 | 66.8 | 84.5 | 79.4 | 43.4 | 3.6 | | | 24.8 |
| GE 75 | | | 4.0 | 24.3 | 54.9 | 89.0 | 98.1 | 98.6 | 75.2 | 21.5 | 3.3 | .3 | 39.2 |
| GE 70 | 6.0 | 2.8 | 16.6 | 50.4 | 81.7 | 97.9 | 100.0 | 100.0 | 90.8 | 46.1 | 14.1 | 6.3 | 51.1 |
| GE 65 | 13.2 | 14.2 | 32.7 | 75.5 | 94.5 | 99.7 | | | 96.5 | 66.6 | 31.2 | 12.3 | 61.4 |
| GE 60 | 21.9 | 25.6 | 52.4 | 90.6 | 99.2 | 100.0 | | | 99.5 | 84.0 | 45.9 | 25.1 | 70.5 |
| GE 55 | 33.7 | 39.7 | 75.8 | 96.2 | 100.0 | | | | 100.0 | 94.3 | 62.0 | 38.9 | 78.6 |
| GE 50 | 46.1 | 57.2 | 89.3 | 98.9 | | | | | | 98.8 | 79.1 | 56.9 | 85.7 |
| GE 45 | 62.6 | 75.8 | 95.7 | 100.0 | | | | | | 100.0 | 91.8 | 74.7 | 91.8 |
| GE 40 | 76.1 | 88.1 | 98.6 | | | | | | | | 98.4 | 89.3 | 95.9 |
| GE 35 | 87.5 | 95.6 | 100.0 | | | | | | | | 99.7 | 96.6 | 98.3 |
| GE 30 | 96.0 | 99.7 | | | | | | | | | 100.0 | 99.5 | 99.6 |
| GE 25 | 99.5 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| GE 20 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 49.1 | 52.0 | 60.1 | 69.0 | 74.3 | 80.5 | 82.9 | 81.7 | 77.6 | 67.8 | 58.3 | 52.1 | 67.1 |
| SD | 11.982 | 10.125 | 8.713 | 7.011 | 5.276 | 4.531 | 3.555 | 3.145 | 5.568 | 7.690 | 9.724 | 10.253 | 14.254 |
| TOTAL OBS | 401 | 360 | 422 | 371 | 366 | 374 | 368 | 422 | 403 | 419 | 368 | 383 | 4657 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390

STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| TEMP(F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| GE 90 | | | | | .5 | 6.1 | 33.3 | 31.2 | 1.1 | | | | .1 |
| GE 85 | | | | | 9.7 | 67.2 | 95.2 | 93.0 | 42.2 | 6.5 | | | 6.1 |
| GE 80 | | | | .5 | | | | | | | | | 26.2 |
| GE 75 | | .6 | 4.5 | 17.6 | 50.5 | 91.7 | 100.0 | 98.4 | 77.8 | 36.6 | 3.3 | 1.6 | 40.3 |
| GE 70 | 1.6 | 4.7 | 14.5 | 38.7 | 79.6 | 98.3 | | 100.0 | 88.3 | 54.8 | 17.2 | 5.9 | 50.6 |
| GE 65 | 5.4 | 10.1 | 31.3 | 58.8 | 95.7 | 100.0 | | | 95.6 | 66.7 | 35.0 | 15.1 | 59.8 |
| GE 60 | 13.0 | 28.4 | 54.2 | 77.0 | 100.0 | | | | 99.4 | 89.2 | 56.7 | 25.3 | 70.6 |
| GE 55 | 24.3 | 46.7 | 78.2 | 89.2 | | | | | 100.0 | 98.4 | 77.8 | 36.6 | 79.5 |
| GE 50 | 47.0 | 63.3 | 87.2 | 94.1 | | | | | | 100.0 | 88.3 | 57.5 | 86.6 |
| GE 45 | 68.6 | 81.1 | 99.4 | 100.0 | | | | | | | 98.9 | 79.6 | 94.1 |
| GE 40 | 84.9 | 92.3 | 100.0 | | | | | | | | 100.0 | 90.9 | 97.4 |
| GE 35 | 94.1 | 97.0 | | | | | | | | | | 94.6 | 98.8 |
| GE 30 | 98.9 | 99.4 | | | | | | | | | | 96.8 | 99.6 |
| GE 25 | 99.5 | 100.0 | | | | | | | | | | 98.9 | 99.9 |
| GE 20 | 100.0 | | | | | | | | | | | 99.5 | 100.0 |
| GE 15 | | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 48.7 | 53.3 | 60.7 | 66.0 | 73.8 | 80.1 | 83.5 | 83.2 | 77.3 | 69.7 | 60.8 | 52.0 | 67.4 |
| SD | 9.214 | 9.418 | 8.104 | 8.196 | 4.806 | 3.606 | 2.428 | 2.690 | 5.637 | 7.652 | 8.447 | 10.946 | 13.867 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

LIMITED DUTY ST
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| YEAR | WHOLE DEGREES FAHRENHEIT | | | | | | | | | | | | ALL MONTHS |
|-----------|--------------------------|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 62 | | | | | | | | | *94 | *92 | *78 | *79 | |
| 63 | *78 | *76 | *84 | *92 | *92 | *99 | *97 | *98 | *98 | *93 | *84 | *72 | *99 |
| 64 | *70 | *70 | *78 | *87 | *93 | *94 | *98 | *103 | *97 | *84 | *82 | *77 | *103 |
| 65 | *77 | *74 | *82 | *86 | *90 | *94 | *97 | *97 | *96 | *87 | *82 | *74 | *97 |
| 66 | *71 | *72 | *87 | *86 | *89 | *94 | *99 | *94 | *93 | *87 | *81 | *78 | *99 |
| 67 | *74 | *75 | *86 | *86 | *90 | *97 | *95 | *78 | *91 | *91 | | | |
| 68 | | | | | | | | *94 | *92 | *91 | *87 | *71 | |
| 69 | *79 | *77 | *81 | *84 | *92 | *98 | *102 | *97 | *91 | *91 | *83 | *73 | *102 |
| 70 | *77 | *75 | *82 | *87 | *89 | *97 | *97 | *96 | *96 | *88 | *75 | *78 | *97 |
| 71 | *78 | *78 | *80 | *86 | *88 | *94 | *96 | *94 | *91 | *88 | *85 | *79 | *96 |
| 72 | *78 | *78 | *84 | *87 | *92 | *97 | *93 | *94 | *95 | *89 | *85 | *71 | *97 |
| 73 | *73 | *73 | *84 | *83 | *90 | *92 | *95 | *94 | *91 | *90 | *84 | *77 | *95 |
| 74 | *79 | *77 | *89 | *85 | *90 | *93 | *97 | *94 | *89 | *85 | *81 | *76 | *97 |
| 75 | *78 | *74 | *82 | *85 | *89 | *91 | *92 | *95 | *94 | *87 | *82 | *78 | *95 |
| 76 | *76 | *78 | *81 | *85 | *88 | *93 | *93 | *94 | *92 | *85 | *77 | *66 | *94 |
| 77 | *73 | *82 | *83 | *83 | *97 | *97 | *96 | *97 | *93 | *85 | *78 | *77 | *97 |
| 78 | *77 | *80 | *82 | *86 | *96 | *98 | *97 | *96 | *91 | *87 | *84 | *81 | *98 |
| 79 | *69 | *77 | *78 | *84 | *89 | *97 | *95 | *94 | *89 | *90 | *80 | *76 | *97 |
| 80 | *72 | *82 | *82 | *86 | *90 | *101 | *104 | *103 | *100 | *89 | *81 | *75 | *104 |
| 81 | 72 | 80 | 85 | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | 401 | 360 | 422 | 371 | 366 | 374 | 368 | 422 | 403 | 419 | 368 | 383 | 4657 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

LIMITED DUTY ST
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| YEAR | WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S- | | | | | | | | | | | | ALL MONTHS |
|-----------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 81 | | | | 87 | 90 | 93 | 97 | 96 | 92 | 89 | 80 | 74 | |
| 82 | 77 | 82 | 85 | 89 | 93 | 95 | 97 | 96 | 94 | 88 | 82 | 80 | 97 |
| 83 | 74 | 74 | 82 | 82 | 88 | 92 | 96 | 96 | 94 | 89 | 83 | 75 | 96 |
| 84 | 73 | 79 | 81 | 85 | 91 | 97 | 96 | 98 | 96 | 89 | 86 | 79 | 98 |
| 85 | 70 | 76 | 81 | 86 | 93 | 97 | 97 | 101 | 98 | 87 | 84 | 76 | 101 |
| 86 | 77 | 86 | 84 | 88 | 89 | 93 | 100 | 101 | 92 | 91 | 81 | 75 | 101 |
| 87 | 74 | 77 | 87 | 87 | | | | | | | | | |
| MEAN | 73.6 | 79.0 | 82.6 | 86.2 | 90.7 | 94.5 | 97.2 | 98.0 | 94.3 | 88.8 | 82.7 | 76.5 | 97.0 |
| S.D. | 2.510 | 4.382 | 1.817 | 2.483 | 2.066 | 2.168 | 1.472 | 2.449 | 2.338 | 1.329 | 2.160 | 2.429 | 2.449 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 62-81

| YEAR | WHOLE DEGREES FAHRENHEIT | | | | | | | | | | | | ALL MONTHS |
|-----------|--------------------------|-----|-----|-----|-----|----------------------|-----|-----|-----|-----|-----|-----|------------|
| | JAN | FEB | MAR | APR | MAY | -M-O-N-T-H-S- JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 62 | | | | | | | | | *60 | *48 | *39 | *17 | |
| 63 | *13 | *22 | *33 | *52 | *56 | *70 | *71 | *64 | *58 | *46 | *35 | *17 | *13 |
| 64 | *19 | *28 | *33 | *45 | *62 | *60 | *70 | *72 | *60 | *39 | *33 | *26 | *19 |
| 65 | *30 | *26 | *28 | *53 | *65 | *71 | *72 | *70 | *58 | *39 | *36 | *28 | *26 |
| 66 | *23 | *24 | *34 | *43 | *54 | *62 | *73 | *64 | *58 | *41 | *26 | *24 | *23 |
| 67 | *26 | *23 | *32 | *55 | *49 | *61 | *66 | *66 | *41 | *44 | | | |
| 68 | | | | | | | | *63 | *53 | *40 | *27 | *26 | |
| 69 | *29 | *28 | *31 | *51 | *54 | *61 | *69 | *69 | *56 | *42 | *29 | *31 | *28 |
| 70 | *16 | *22 | *38 | *38 | *45 | *56 | *65 | *66 | *54 | *40 | *24 | *33 | *16 |
| 71 | *25 | *22 | *26 | *38 | *49 | *66 | *70 | *69 | *58 | *48 | *35 | *39 | *22 |
| 72 | *19 | *25 | *31 | *50 | *53 | *54 | *64 | *64 | *66 | *45 | *32 | *28 | *19 |
| 73 | *22 | *29 | *44 | *37 | *47 | *63 | *68 | *65 | *59 | *39 | *36 | *22 | *22 |
| 74 | *30 | *26 | *36 | *41 | *56 | *56 | *68 | *61 | *52 | *44 | *34 | *27 | *26 |
| 75 | *20 | *23 | *31 | *35 | *61 | *62 | *66 | *67 | *49 | *45 | *32 | *20 | *20 |
| 76 | *16 | *30 | *35 | *43 | *52 | *61 | *66 | *60 | *52 | *31 | *20 | *24 | *16 |
| 77 | *14 | *25 | *33 | *44 | *56 | *60 | *68 | *69 | *64 | *39 | *32 | *24 | *14 |
| 78 | *23 | *18 | *30 | *46 | *50 | *63 | *68 | *67 | *61 | *44 | *36 | *25 | *18 |
| 79 | *16 | *23 | *35 | *42 | *49 | *58 | *71 | *69 | *58 | *46 | *26 | *25 | *16 |
| 80 | *31 | *25 | *24 | *41 | *55 | *64 | *71 | 61 | 65 | 35 | 33 | 26 | *24 |
| 81 | 25 | 20 | 37 | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS | 401 | 360 | 422 | 371 | 366 | 374 | 368 | 422 | 403 | 419 | 368 | 383 | 4657 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

LIMITED DUTY STN
SEE CAVEATS

STATION NUMBER: 722390 STATION NAME: FT POLK LA

PERIOD OF RECORD: 81-87

| YEAR | WHOLE DEGREES FAHRENHEIT | | | | | | | | | | | | ALL MONTHS |
|-----------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | |
| 81 | | | | 50 | 50 | 68 | 70 | 66 | 49 | 42 | 32 | 25 | |
| 82 | *14 | 29 | 34 | 40 | 50 | 67 | 70 | 71 | 51 | 40 | 38 | 30 | *14 |
| 83 | 32 | 36 | 34 | 37 | 51 | 58 | 68 | 72 | 47 | 46 | 32 | 13 | 13 |
| 84 | 23 | 27 | 32 | 43 | 49 | 53 | 69 | 69 | 49 | 46 | 34 | 28 | 23 |
| 85 | 17 | 24 | 42 | 43 | 55 | 62 | 69 | 70 | 54 | 46 | 45 | 24 | 17 |
| 86 | 30 | 27 | 31 | 50 | 57 | 64 | 73 | 60 | 68 | 47 | 31 | 35 | 27 |
| 87 | 25 | 33 | *39 | *39 | | | | | | | | | |
| MEAN | 25.4 | 29.3 | 34.6 | 43.8 | 52.0 | 62.0 | 69.8 | 68.0 | 53.0 | 44.5 | 35.3 | 25.8 | 20.0 |
| S.D. | 5.941 | 4.412 | 4.336 | 5.269 | 3.225 | 5.692 | 1.722 | 4.427 | 7.720 | 2.811 | 5.354 | 7.414 | 6.218 |
| TOTAL OBS | 185 | 169 | 179 | 204 | 186 | 180 | 186 | 186 | 180 | 186 | 180 | 186 | 2207 |

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

END

DATE
FILMED

3 88